CITY OF NEWTON PURCHASING DEPARTMENT

CONTRACT FOR PUBLIC BUILDINGS MAINTENANCE SERVICES

PROJECT MANUAL:

SERVICING, REPAIRING, INSTALLATION AND
PREVENTATIVE

MAINTENANCE OF AIR CONDITIONING
EQUIPMENT, ELECTRICAL AND PNEUMATIC
CONTROLS AND HEATING EQUIPMENT
INVITATION FOR BID #14-98

Bid Opening Date: March 27, 2014 at 10:00 a.m.

MARCH 2014

Setti D. Warren, Mayor

CITY OF NEWTON

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CITY OF NEWTON

PURCHASING DEPARTMENT

INVITATION FOR BID #14-98

The City of Newton invites sealed bids from Contractors for

SERVICING, REPAIRING, INSTALLATION AND PREVENTATIVE MAINTENANCE OF AIR CONDITIONING EQUIPMENT, ELECTRICAL AND PNEUMATIC CONTROLS AND HEATING EQUIPMENT

IT IS THE INTENTION OF THE CITY OF NEWTON PUBLIC BUILDINGS DEPARTMENT TO AWARD TO TWO (2)

CONTRACTORS FOR THIS WORK. The City will award the first contract to the lowest responsible and eligible bidder ("Principal Contract") and the second contract to the second lowest responsible and eligible bidder ("Back Up Contract"). The Principal Contract vendor shall be awarded a contract equal to 90% of the amount of the second lowest responsible and eligible bidder's bid; the Back Up Contract vendor shall be awarded a contract equal to 10% of the amount of the second lowest responsible and eligible bidder's bid. When the City needs Air Conditioning Equipment, Electrical And Pneumatic Controls, And Heating Equipment services it shall request them first from the Principal Contract vendor and, if the Principal Contract vendor cannot for satisfactory reasons provide such services, then request them from the Back Up Contract vendor.

Bids will be received until 10:00 a.m., Thursday, March 27, 2014

at the Purchasing Department, Room 204, Newton City Hall, 1000 Commonwealth Ave., Newton, MA 02459. Bids will not be accepted nor may submitted bids be corrected, modified or withdrawn after the dealine for bids. Following the deadline for bids, all bids received within the time specified will be publicly opened and read aloud.

Contract Documents will be available for pickup on the City's website at www.newtonma.gov/bids or for pickup at the Purchasing Department after 10:00 a.m., March 13, 2014. There is no charge for contract documents.

All General Bids must be accompanied by a copy of a Prime/General Certificate of Contractor Eligibility issued by the Department of Capital Asset Management and Maintenance (DCAMM) and a Prime/General Contractor Update Statement completed and signed by the bidder. The category of work for which the Bidder must be certified: **HVAC**

During the bidding period, the City of Newton shall make available, between the hours of 8:00 a.m. - 3:00 p.m., all facilities for all bidders to visit the facilities with designated City personnel. **The City strongly encourages each bidder to visit each site; bidders will be responsible for all work under this Contract whether they visit the facilities or not.** *Bidders may contact Art Cabral or Hank Milo / Public Buildings to arrange viewing (617) 796-1600.*

The term of this contract shall extend from **July 1, 2014 through June 30, 2015**. The City, at its sole discretion, shall have the option to renew this Contract for **two (2) additional one (1) year terms**, with no change in the contract price and terms and conditions. The exercise of each option to renew shall be subject to appropriation of funding therefor.

All bids must be accompanied by a bid deposit in an amount that is not less than five percent (5%) of the value of the bid, <u>including</u> all add alternates. Bid deposits, payable to the City of Newton, shall be either in the form of a bid bond, or cash, or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company. All bids shall be submitted as one ORIGINAL and one COPY. Bidders are reminded that the bid deposit covers the City for damages when a bidder withdraws its bid after the bid submisssion date. Be advised that to the extent permitted by the law the City will retain all bid deposits for withdrawn bids.

All bids are subject to the provisions of M.G.L. Chapter 149, Section 44 A-J. Wages are subject to minimum wage rates determined by the Massachusetts Department of Labor and Industries pursuant to M.G.L. Chapter 149, Sec. 26 to 27H. The schedule of wage rates applicable to this contract is included in the bidding documents. In addition, the prevailing wage schedule will be updated annually for all public construction projects lasting longer than one (1) year. You will be required to pay the rates set out in any updated prevailing wage schedule. Increases in prevailing wage schedules will not be the basis for change order requests. The successful bidder will be required to provide a Certificate of Insurance demonstrating current coverage of the type and amounts set forth in the Project Manual. The successful bidder will be required to furnish a **Performance and Labor** and **Materials Payment Bonds, each in the amount of 100%** of the contract total.

The costs of any bond and any insurance required in this Invitation For Bid are the responsibility of the bidder; such costs will not be reimbursed by City and should be included in your bid.

All City of Newton bids are available on the City's web site, www.newtonma.gov/bids Invitation for Bid. It is the sole responsibility of the contractor downloading these bids to ensure they have received any and all addenda prior to the bid opening. Addenda's will be available online within the original bid document as well as a separate file. If you download bids from the internet site and would like to make it known that your company has done so, you must fax the Purchasing Dept. (617) 796-1227 or email purchasing@newtonma.gov with your NAME, ADDRESS, PHONE, FAX AND INVITATION FOR BID NUMBER.

The City will reject any and all bids in accordance with the above referenced General Laws. In addition, the City reserves the right to waive minor informalities in any or all bids, or to reject any or all bids (in whole or in part) if it be in the public interest to do so.

CITY OF NEWTON

Nicholas Read Chief Procurement Officer

March 13, 2014

CITY OF NEWTON

DEPARTMENT OF PURCHASING

INSTRUCTIONS TO BIDDERS

ARTICLE 1 - BIDDER'S REPRESENTATION

- 1.1 Each General Bidder (hereinafter called the "Bidder") by making a bid (hereinafter called "bid") represents that:
 - 1. The Bidder has read and understands the Bidding Documents, Contract Forms, General Conditions, Conditions of the Contract, General Requirements and Project Specifications (collectively, referred to as the "Contract Documents") and the bid is made in accordance therewith.
 - 2. The Bidder has visited the work site and is familiar with the local conditions under which the work has to be performed.
- 1.2 Failure to so examine the Contract Documents and work site will not relieve any Bidder from any obligation under the bid as submitted.

ARTICLE 2 - REQUEST FOR INTERPRETATION

- 2.1 Bidders shall promptly notify the City of any ambiguity, inconsistency, or error which they may discover upon examination of the Contract Documents, the site, and local conditions.
- 2.2 Bidders requiring clarification or interpretation of the Contract Documents shall make a written request to the *Chief Procurement Officer*, at purchasing@newtonma.gov or via facsimile (617) 796-1227. The City will only answer such requests if received by **Friday**, **March 21**, **2014 at 12:00 noon**. In the event that the bid opening date is changed, the deadline for informational requests may also change as provided in an addendum issued by the City.
- 2.3 Interpretation, correction, or change in the Contract Documents will be made by addendum which will become part of the Contract Documents. The City will not be held accountable for any oral communication.
- Addenda will be emailed to every individual or firm on record as having taken a set of Contract Documents. Addenda will be emailed to every individual or firm on record as having taken a set of Contract Documents. Receipt of all addenda issued must be acknowledged in the Bid Form. YOUR FAILURE TO ACKNOWLEDGE ALL ADDENDA MAY RESULT IN YOUR BID BEING REJECTED AS NON-RESPONSIVE.
- 2.5 Copies of addenda will be made available for inspection at the location listed in the Invitation for Bids where Contract Documents are on file, in addition to being available online at www.newtonma.gov/bids.
- 2.6 Bidders or proposers contacting ANY CITY EMPLOYEE regarding an Invitation for Bid (IFB) or a Request for Proposal (RFP), outside of the Purchasing Department, once an IFB or RFP has been released, may be disqualified from the procurement process.
- Bidders downloading information off the internet web site are solely responsible for obtaining any addenda prior to the bid opening. If the bidder makes itself known to the Purchasing Department, at purchasing@newtonma.gov or via facsimile (617) 796-1227, it shall be placed on the bidder's list. Bidders must provide the Purchasing Department with their company's name, street address, city, state, zip, phone, fax, email address and INVITATION FOR BID #14-98.

ARTICLE 3 - MBE PARTICIPATION

- 3.1 Notice is hereby given that the Mayor's Affirmative Action Plan for the City of Newton in effect at the time of this solicitation is applicable to all construction contracts in excess of \$10,000.00.
- 3.2 Notice is hereby given that the City of Newton Minority/Women Business Enterprise Plan and the Supplemental Equal Employment Opportunity Anti-Discrimination and Affirmative Action Program in effect at the time of this solicitation are applicable to all City contracts for goods and services in excess of \$50,000.00.
- 3.3 Copies of the Plans and Program referred to in Sections 3.1 and 3.2 are available at: www.newtonma.gov/purchasing.

ARTICLE 4 - PREPARATION AND SUBMISSION OF BIDS

- 4.1 Bids shall be submitted on the "Bid Form" as appropriate, furnished by the City.
- 4.2 All entries on the Bid Form shall be made by typewriter or in ink.
- 4.3 Where so indicated on the Bid Form, sums shall be expressed in both words and figures. Where there is a discrepancy between the bid sum expressed in words and the bid sum expressed in figures, the words shall control.
- 4.4 Bid Deposits shall be submitted in the amount specified in the Invitation for Bids. They shall be made payable to the City and shall be either in the form of cash, certified check, treasurer's or cashier's check issued by a responsible bank or trust company, or a bid bond issued by a surety licensed to do business in the Commonwealth of Massachusetts; and shall be conditioned upon the faithful performance by the principal of the agreements contained in the bid. Bidders are reminded that the bid deposit covers the City for damages when a bidder withdraws its bid after the bid submisssion date. Be advised that to the extent permitted by the law the City will retain all bid deposits for withdrawn bids.

Bid deposits of the three (3) lowest responsible and eligible Bidders shall be retained until the execution and delivery of the City-Contractor agreement.

- 4.5 The Bid, including the bid deposit shall be enclosed in a sealed envelope with the following plainly marked on the outside:
 - * GENERAL BID FOR: #14-98
 - * NAME OF PROJECT: Annual Servicing, Repairing, Installation and Preventative Maintenance of Air Conditioning Equipment, Electrical and Pneumatic Controls and Heating Equipment Service Contract
 - * BIDDER'S NAME, BUSINESS ADDRESS, AND PHONE NUMBER
- 4.6 Date and time for receipt of bids is set forth in the Invitation for Bids.
- 4.7 Timely delivery of a bid at the location designated shall be the full responsibility of the Bidder. In the event that Newton City Hall is closed on the date or at the time that bids are due, the date and time for receipt of bids shall be on the next business day following that the Newton City Hall and the Purchasing Department are open.
- 4.8 Bids shall be submitted with one **original** and one **copy.**
- 4.9 Be advised that a new Massachusetts law has been enacted that required all employees who work on Massachusetts public works construction sites must have no less than 10 hours of OSHA-approved safety and health training. See Chapter 306 of the Acts of 2004, which became effective July 1, 2006.
 - 1. This requirement will apply to any general bid or sub bid submitted.
 - 2. This law directs the Massachusetts Attorney General to restrain the award of construction contracts to any contractor who is in violation to this requirement and to restrain the performance of these contracts by non-complying contractors.
 - 3. The contractor and all subcontractors on this project will be required to provide certification of compliance with this requirement. Non-compliance with this law will disqualify you from bidding on public contracts.

ARTICLE 5 - ALTERNATES

- 5.1 Each Bidder shall acknowledge alternates (if any) in Section C on the Bid Form.
- In the event an alternate does not involve a change in the amount of the base bid, the Bidder shall so indicated by writing "No Change", or "N/C" or "0" in the space provided for that alternate.
- 5.3 Bidders shall enter on the Bid Form a single amount for each alternate which shall consist of the amount for work performed by the Contractor.
- 5.4 The low Bidder will be determined on the basis of the sum of the base bid and the accepted alternates.

ARTICLE 6 - WITHDRAWAL OF BIDS

- Any bid may be withdrawn prior to the time designated for receipt of bids on written or electronic request. Electronic withdrawal of bids must be confirmed over the Bidder's signature by written notice postmarked on or before the date and time set for receipt of bids.
- 6.2 Withdrawn bids may be resubmitted up to the time designated for the receipt of bids.
- 6.3 No bids may be withdrawn within sixty (60) days, Saturdays, Sundays and legal holidays excluded, after the opening of the bids.

ARTICLE 7 - CONTRACT AWARD

- 7.1 The City is soliciting prices for services as set forth in the Specifications at pp. 42-55 below.. It is the City's intent to award two (2) separate contracts to the two (2) lowest, responsible and eligible bidders. The City will award the first contract to the lowest responsible and eligible bidder ("Principal Contract") and the second contract to the second lowest responsible and eligible bidder ("Back Up Contract"). The Principal Contract vendor shall be awarded a contract equal to 90% of the amount of the second lowest responsible and eligible bidder's bid; the Back Up Contract vendor shall be awarded a contract equal to 10% of the amount of the its bid. When the City needs Air Conditioning Equipment, Electrical And Pneumatic Controls, And Heating Equipment services it shall request them first from the Principal Contract vendor and, if the Principal Contract vendor cannot for satisfactory reasons provide such services, then request them from the Back Up Contract vendor. Contracts will be awarded within sixty (60) days, Saturdays, Sundays, and legal holidays excluded, after the opening of bids.
 - 7.2 The City reserves the right to waive minor informalities in or to reject any or all Bids if it be in the public interest to do
 - 7.3 The City reserves the right to reject any bidder who has failed to pay any local taxes, fees, assessments, betterments, or any other municipal charge, unless the bidder has a pending abatement application or has entered into a payment agreement with the collector-treasurer.
 - 7.4 As used herein, the term "lowest responsible and eligible Bidder" shall mean the Bidder (1) whose bid is the lowest of those bidders possessing the skill, ability and integrity necessary for the faithful performance of the work; (2) who has met all the requirements of the invitation for bids; (3) who shall certify that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (4) who, where the provisions of section eight B of chapter twenty-nine apply, shall have been determined to be qualified thereunder.
 - 7.5 Subsequent to the award and within five (5) days, Saturday, Sundays and legal holidays excluded, after the prescribed forms are presented for signature, the successful Bidder shall execute and deliver to the City a contract in the form included in the Contract Documents in such number of counterparts as the City may require.
 - 7.6 In the event that the City receives low bids in identical amount from two or more responsible and eligible Bidders, the City shall select the successful Bidder by a blind selection process chosen by the City such as flipping a coin or drawing names from a hat. The low Bidders who are under consideration will be invited to attend and observe the selection process.

ARTICLE 8 - TAXES

- 8.1 The Bidder shall not include in this bid any tax imposed upon the sale or rental of tangible personal property in this Commonwealth, such as any and all building materials, supplies, services and equipment required to complete the work.
- 8.2 The City is exempt from payment of the Massachusetts Sales Tax, and the Bidder shall not include any sales tax on its bid. The City's exemption Number is E-046-001-404.

ARTICLE 9 – PROPRIETARY SPECIFICATIONS

- 9.1 The City may have used a proprietary specification to describe the supply for which is soliciting bids. Such specifications are permitted under M.G.L. c. 30B, §14, provided that the Chief Procurement Officer has prepared a written statement that no other manner of description suffices and the justification therefor.
- 9.2 The required determination and justification have been duly prepared, and a copy may be requested in accordance with the Massachusetts Public Records Law, M.G.L. c. 66, §10.

CITY OF NEWTON

SERVICING, REPAIRING, INSTALLATION AND PREVENTATIVE MAINTENANCE OF AIR CONDITIONING EQUIPMENT, ELECTRICAL AND PNEUMATIC CONTROLS, AND HEATING EQUIPMENT BID FORM #14-98

TO THE AWARDING AUTHORITY:

This bid includes addenda number(s),
The proposed contract price is:
(Total of Items 1 through 4 on the Itemized Bid Form, p. 15 below)
DOLLARS (\$)
For Alternate No. N/A Add \$ N/A; Subtract \$ N/A
The undersigned has completed and submits herewith the following documents:
O A five percent (5%) bid deposit/bid guarantee.
o Bidders Qualifications and References Form, 2 pages
O Certificate of Non-Collusion, 1 page
O Debarment Letter, 1 page
O IRS Form W-9, 1 page
O Certificate of Eligibility for HVAC (DCAM Form CQ7)
O Update Statement (DCAM Form CQ3)
O Itemized Bid Form, 1 page
O Attachment A - Item #4 Ind. Maint. Fee, 2 pages
o Attachment A Teen #4 Ind. Maint. 1 ee, 2 pages
Prompt Payment Discounts. Bidders are encouraged to offer discounts in exchange for an expedited payment. Pamay be issued earlier than the general goal of within 30 days of receipt of the invoice only when in exchange for discounted prices. Discounts will not be considered in determining the lowest responsible bidder.
Prompt Payment Discount
Prompt Payment Discount

the premiums for which are to be paid by the general contractor and are included in the contract price.

legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this bid and furnish a labor and materials or payment bond, each of a surety company qualified to do business under the laws of the commonwealth and satisfactory to the awarding authority and each in the sum of the contract price,

The undersigned hereby certifies that s/he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work and that s/he will comply fully with all laws and regulations applicable to awards made subject to section forty-four A of M.G.L. Chapter 30, s 39M.

The undersigned certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (2) that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration ("OSHA") that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and (3) that all employees to be employed in the work subject to this bid have successfully completed a course in construction safety and health approved by the United States OSHA that is at least 10 hours in duration. The undersigned understands that any employee found on a worksite subject to this section without documentation of successful completion of a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration shall be subject to immediate removal.

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

ate	_
	(Name of General Bidder)
	BY:
	(Signature)
	(Printed Name and Title of Signatory)
	(Business Address)
	(City, State Zip)
	(Telephone) (Fax)
	(F-mail address)

NOTE: If the bidder is a corporation, indicate state of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address if different from business address.

END OF SECTION

CITY OF NEWTON

BIDDER'S QUALIFICATIONS AND REFERENCES FORM

All questions must be answered, and the data given must be clear and comprehensive. Please type or print legibly. If necessary, add additional sheet for starred items. This information will be utilized by the City for purposes of determining bidder responsiveness and responsibility with regard to the requirements and specifications of the Contract.

IF YES, PROVIDE DETAILS. LIST YOUR VEHICLES/EQUIPMENT AVAILABLE FOR THIS CONTRACT: IN THE SPACES FOLLOWING, PROVIDE INFORMATION REGARDING CONTRACTS COMPLETEI FIRM SIMILAR IN NATURE TO THE PROJECT BEING BID. A MINIMUM OF FOUR (4) CONTRACT BE LISTED. PUBLICLY BID CONTRACTS ARE PREFERRED, BUT NOT MANDATORY.			NO DATE AND STA			
DATE OF COMPLETION: HAVE YOU EVER FAILED TO COMPLETE A CONTRACT AWARDED TO YOU? YES NO F YES, WHERE AND WHY? HAVE YOU EVER DEFAULTED ON A CONTRACT? YES NO F YES, PROVIDE DETAILS. LIST YOUR VEHICLES/EQUIPMENT AVAILABLE FOR THIS CONTRACT: N THE SPACES FOLLOWING, PROVIDE INFORMATION REGARDING CONTRACTS COMPLETE! RIM SIMILAR IN NATURE TO THE PROJECT BEING BID. A MINIMUM OF FOUR (4) CONTRACTS BE LISTED. PUBLICLY BID CONTRACTS ARE PREFERRED, BUT NOT MANDATORY.	S YOUR BUSINESS	A MBE ?YE	SNO WBE ?	YES	NO or MWBE ?	YES
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DOLLAR AMOUNT: \$ _		DATE COMPLETED:
	YESNO	
TYPE OF WORK?:		
CONTACT PERSON:		TELEPHONE #:)
CONTACT PERSON'S R	ELATION TO PROJECT?:	
	(i.e.,	, contract manager, purchasing agent, etc.)
PROJECT NAME:		
		DATE COMPLETED:
	YESNO	
	110	
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CONTROLLERSONS		, contract manager, purchasing agent, etc.)
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PROJECT NAME:		
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PUBLICLY BID?		
TYPE OF WORK?:		·
		TELEPHONE #:()
CONTACT PERSON'S R		
	(i.e.,	, contract manager, purchasing agent, etc.)
		erein is complete and accurate and hereby authorizes a formation requested by the City in verification of the r
	of Bidder's qualifications and ex	
	BIDDER:	
DATE:		

END OF SECTION

10.

CERTIFICATE OF NON-COLLUSION

submitted in good faith and without collusion or fraud with an	bid or proposal has been made and submitted in good faith and ny other person. As used in this certification, the word "person" shal union, committee club, or other organization, entity, or group or
	(Signature of individual)
	Name of Business

City of Newton



Mayor Setti D. Warren Nicholas Read & Chief Procurement Officer 1000 Commonwealth Avenue Newton Centre, MA 02459-1449 purchasing@newtonma.gov

Purchasing Department

Telephone (617) 796-1220 Fax: (617) 796-1227 TDD/TTY (617) 796-1089

Setti D.	Warre
Date	
Vendor	

Re: Debarment Letter for Invitation For Bid #14-98

As a potential vendor on the above contract, the City requires that you provide a debarment/suspension certification indicating that you are in compliance with the below Federal Executive Order. Certification can be done by completing and signing this form.

Debarment:

Federal Executive Order (E.O.) 12549 "Debarment and Suspension" requires that all contractors receiving individual awards, using federal funds, and all sub-recipients certify that the organization and its principals are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency from doing business with the Federal Government.

I hereby certify under pains and penalties of perjury that neither I nor any principal(s) of the Company identified below is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

		(Name) (Company)
		(Address) (Address)
PHONEEMAIL	FAX	(//idd/css)
		Signature
		Date

If you have questions, please contact Nicholas Read, Chief Procurement Officer at (617) 796-1220.

Department of the Treasury Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

2				
on pag	Business name, if different from above			
Print or type Specific Instructions on page	Check appropriate box: ☐ Individual/Sole proprietor ☐ Corporation ☐ Partnership ☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=p ☐ Other (see instructions) ►	artnership) 🕨	02500207	X Exempt payee
Print Ic Inst	Address (number, street, and apt. or suite no.)	Requester'	s name and ad	ddress (optional)
Specif	City, state, and ZIP code			
See				
Pa	rt I Taxpayer Identification Number (TIN)			
back alien	or your TIN in the appropriate box. The TIN provided must match the name given on Line 1 kup withholding. For individuals, this is your social security number (SSN). However, for a man, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entimeter identification number (EIN). If you do not have a number, see How to get a TIN or	esident ties, it is	Social secur	or
Note	ber to enter.	185 80	Employer ide	entification number
Pa	rt II Certification			- 1,
Und	er penalties of perjury, I certify that:			
1. 1	The number shown on this form is my correct taxpayer identification number (or I am waitir	ng for a num	ber to be iss	sued to me), and
F	l am not subject to backup withholding because: (a) I am exempt from backup withholding. Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to reportified me that I am no longer subject to backup withholding, and			
3. I	am a U.S. citizen or other U.S. person (defined below).			
with	Certification Instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement			

arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must

Signature of Here U.S. person ▶ General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

provide your correct TIN. See the instructions on page 4.

Purpose of Form

Sign

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
 - 2. Certify that you are not subject to backup withholding, or
- 3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

Name

- . An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

. The U.S. owner of a disregarded entity and not the entity,

Cat. No. 10231X Form W-9 (Rev. 10-2007)

PUBLIC BUILDINGS MAINTENANCE SERVICE:

SERVICING, REPAIRING, INSTLLATION AND PREVENTATIVE MAINTENANCE OF AIR CONDITIONING EQUIPMENT, ELECTRICAL AND PNEUMATIC CONTROLS, AND HEATING EQUIPMENT

ITEMIZED BID FORM #14-98

Bidder submits the following itemized pricing for the maintenance and repair services described in the Project Manual.

All quantities shown below are estimates only of the City's requirements during the contract term. The City will direct the contractor to perform only that work which is actually required. The contractor will be compensated only for that work which is actually performed,

1.	Standard Rate - (Para. 1.08 ¹ A, p. 47)			
	Standard Rate \$/HRX 10,500 HRS	=	\$	
2.	Premium Rate - (Para. 1.08 B, p. 47)			
	Premium Rate \$/HRX 400 HRS	=	\$	
3.	Allowance for materials (Para. 2.01)	=	\$265,000.00	
4.	Total Preventative Maintenance – (Para. 3.02)*	=	\$	
	*The total here must represent the TOTAL of "Attachment A," pp. 16-17.			
	Grand Total (Items 1 through	4) =	\$	
** Bidder n	nust insert the Total of items #1 through #4 in the space provi	ded in pa	ragraph "C" of the Form for General l	3id.
COMPANY:				

Paragraph references are to the Specifications at pp. 42-55, below.

ATTACHMENT – A

(ITEM #4 BID SHEET)

Total Preventative Maintenance Cost per Section 3.02 per building – one time.

The total of this cost shall be added to Item #4 of the Itemized Bid Form. SCHOOL DEPARTMENT:

Angier School		
\mathcal{E}	1697 Beacon Street, Waban 02468	\$
Bigelow Middle School	42 Vernon Street, Newton 02458	\$
Bowen School	280 Cypress Street, Newton Centre 02459	\$
Brown Middle School	125 Meadowbrook Road, Newton Centre 02459	\$
Burr School	171 Pine Street, Auburndale 02466	\$
Cabot School	229 Cabot Street, Newtonville 02460	\$
Carr School	225 Nevada Street, Newton, MA 02460	\$
Countryside School	191 Dedham Street, Newton Highlands 02461	\$
Day Middle School	21 Minot Place, Newtonville 02460	\$ \$
•		
Ed Center	100 Walnut Street, Newtonville 02460	\$
Franklin School	125 Derby Street, West Newton 02465	\$
Lincoln-Eliot School	191 Pearl Street, Newton 02458	\$
Horace-Mann School	687 Watertown Street, Newtonville 02460	\$
Mason-Rice School	149 Pleasant Street, Newton Centre 02459	\$
Memorial-Spaulding School	250 Brookline Street, Newton Centre 02459	\$
Peirce School	170 Temple Street, West Newton 02465	\$
Oak Hill Middle School	130 Wheeler Road, Newton Centre 02459	\$
Newton North High School	457 Walnut Street, Newtonville, MA 02460	\$
South High School	140 Brandeis Road, Newton Centre 02459	\$
South High Auto Shop	Brandeis Road, Newton Centre 02459	\$
Underwood School	101 Vernon Street, Newton 02458	\$
Ward School	10 Dolphin Road, Newton Centre 02459	\$ \$
	*	
Williams School Zervas School	141 Grove Street, Auburndale 02466	\$
Zervas School	30 Beethoven Avenue, Waban 02468	\$
PUBLIC BUILDINGS DEPART	MENT:	
T CDLTC DCILDIT(G) DLTTINT		
Public Buildings Department	52 Elliot Street Newton Highlands 02461	\$
Public Buildings Department	52 Elliot Street, Newton Highlands 02461	\$ \$
City Hall & War Memorial	1000 Commonwealth Ave. Newton Center 02459	\$
City Hall & War Memorial Kennard Estate	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459	\$ \$
City Hall & War Memorial	1000 Commonwealth Ave. Newton Center 02459	\$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461	\$ \$
City Hall & War Memorial Kennard Estate	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461	\$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT:	\$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME. Crafts Street Stable	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460	\$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460	\$ \$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Stable	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461	\$ \$ \$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Stable Elliot Street Garage	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461 80 Elliot Street, Newton Highlands 02461	\$ \$ \$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Stable	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461	\$ \$ \$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Stable Elliot Street Garage	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461 80 Elliot Street, Newton Highlands 02461 60 Elliot Street, Newton Highlands 02461	\$ \$ \$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Garage Elliot Street Garage Water/Sewer Facility POLICE DEPARTMENT FACI	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461 80 Elliot Street, Newton Highlands 02461 60 Elliot Street, Newton Highlands 02461	\$ \$ \$ \$ \$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Stable Elliot Street Garage Water/Sewer Facility POLICE DEPARTMENT FACI Police Headquarters	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461 80 Elliot Street, Newton Highlands 02461 60 Elliot Street, Newton Highlands 02461 LITIES: 1317 Washington Street, West Newton 02465	\$\$ \$\$ \$\$ \$\$ \$\$
City Hall & War Memorial Kennard Estate Public Bldgs. Dept. Annex PUBLIC WORKS DEPARTME Crafts Street Stable Crafts Street Garage Elliot Street Garage Elliot Street Garage Water/Sewer Facility POLICE DEPARTMENT FACI	1000 Commonwealth Ave. Newton Center 02459 246 Dudley Road, Newton Centre 02459 R525 Winchester Street, Newton Highlands 02461 NT: 92 Crafts Street, Newtonville 02460 110 Crafts Street, Newtonville 02460 70 Elliot Street, Newton Highlands 02461 80 Elliot Street, Newton Highlands 02461 60 Elliot Street, Newton Highlands 02461	\$\$ \$\$ \$\$ \$\$ \$\$

ATTACHMENT – A

(ITEM #4 BID SHEET continued)

MISCELLANEOUS BUILDING	SS:	
Health Department	1294 Centre Street, Newton Centre 02459	\$
Jackson Homestead	527 Washington Street, Newton 02458	\$
Senior Citizen Center	345 Walnut Street, Newtonville 02460	\$
	n vo g	
FIRE DEPARTMENT FACILITY		Ф
Fire Alarm Headquarters Fire Station #1	1164 Centre Street, Newton Centre 02459	\$
Fire Station #2	241 Church Street, Newton 02458	\$
	1750 Commonwealth Avenue, West Newton 02465	\$
Fire Station #3	31 Willow Street, Newton Centre 02459	\$
Fire Station #4	195 Crafts Street, Newtonville 02460	\$
Fire Station #7	144 Elliot Street, Newton Upper Falls 02464	\$
Fire Station #10	755 Dedham Street, Newton Centre 02459	\$
LIBRARY DEPARTMENT FAC	CILITIES:	
Main Library	330 Homer Street, Newton Centre 02459	\$
Auburndale Library	375 Auburn Street, Auburndale 02466	\$
Nonantum Library	114 Bridge Street, Newton 02495	\$
Waban Library	1608 Beacon Street, Waban 02468	\$
•		
PARKS AND RECREATION D		
Recreation Headquarters	124 Vernon Street, Newton 02458	\$
(former)Recreation Headquarters	70 Crescent Street, Auburndale 02466	\$
Recreation Garage	70R Crescent Street, Auburndale 02466	\$
Albemarle Field House	250 Albemarle Road, Newtonville 02460	\$
Auburndale Field House	W. Pine Street, Auburndale 02466	\$
Bullough Pond Shelter	Bullough Park, Newton Centre 02459	\$
Burr Field House	142 Park Street, Newton 02458	\$
Cabot Field House	101 East Side Parkway, Newtonville 02460	\$
Carr School	225 Nevada Street, Newton 02495	\$
Crystal Lake Bath House	16 Rogers Street, Newton Highlands 02461	\$
Gath Pool Facility	256 Albemarle Road, Newtonville 02460	\$
Hawthorne Playground	17 Hawthorne Street, Newton 02495	\$
Nahanton Field House		
Nananion Field House		\$
	Nahanton Street, Newton Highlands 02461	\$ \$
Newton Highlands	Nahanton Street, Newton Highlands 02461 10 Winchester Street, Newton Highlands 02461	\$
	Nahanton Street, Newton Highlands 02461	
Newton Highlands	Nahanton Street, Newton Highlands 02461 10 Winchester Street, Newton Highlands 02461	\$ \$

(Additional locations may be added to this list of locations, should those locations become the property of the City of Newton.)

END OF SECTION

CONTRACT FORMS			
The awarded bidder will be required to complete and submit documents substantially similar in form to the following.			
These forms may need to be modified on account of changed circumstances, and are provided for informational purposes only.			

CITY - CONTRACTOR AGREEMENT

CONTRACT NO. C-

THIS AGREEMENT made this	day of	_in the year Two	Thousand and Four	teen by and between the	CITY OF
NEWTON, a municipal corporation	organized and ex	kisting under the	laws of the Common	nwealth of Massachusetts	s, hereinafter
referred to as the CITY, acting throu	igh its Chief Proc	curement Officer,	but without persona	al liability to him, and	

hereinafter referred to as the CONTRACTOR.

The parties hereto for the considerations hereinafter set forth agree as follows:

I. SCOPE OF WORK. The Contractor shall furnish all labor, materials and equipment, and perform all work required in strict accordance with the Contract Documents for the following project:

SERVICING, REPAIRING, INSTALLATION AND PREVENTATIVE MAINTENANCE OF AIR CONDITIONING EQUIPMENT, ELECTRICAL AND PNEUMATIC CONTROLS, AND HEATING EQUIPMENT

- **II. CONTRACT DOCUMENTS.** The Contract documents consist of the following documents which are either attached to this Agreement or are incorporated herein by referenced:
 - a. This CITY-CONTRACTOR Agreement;
 - b. The City's Invitation For Bid #14-98 issued by the Purchasing Department;
 - c. The Project Manual for Servicing, Repairing, and Preventative Maintenance of Air Conditioning Equipment,
 Electrical and Pneumatic Controls, and Heating Equipment including the Instructions to Bidders; General
 Conditions; Special Conditions; MWBE/AA Requirements, Wage Rate Requirements and Wage Rate Schedule(s)
 including any updated prevailing wage rate schedules if applicable; The Supplementary Special Conditions; General
 Requirements and Project Specifications; and Drawings, if included or referenced therein;
 - d. Addenda Number(s) ;
 - e. The Bid Response of the CONTRACTOR submitted for this Project and accompanying documents and certifications:
 - f. Certificate(s) of Insurance and surety bond(s) submitted by the CONTRACTOR in connection with this Project;
 - g. Duly authorized and executed Amendments, Work Orders, or Change Orders issued by the CITY after execution of this CITY-CONTRACTOR Agreement.

This CITY-CONTRACTOR Agreement, together with the other documents enumerated in this Article, constitute the entire Agreement between the CITY and the CONTRACTOR.

- **III. PRIORITY OF DOCUMENTS.** In the event of inconsistency between the terms of this CITY -CONTRACTOR Agreement and the Project Manual, the terms of this Agreement shall prevail.
- **IV. APPLICABLE STATUTES.** All applicable federal, state and local laws and regulations are incorporated herein by reference and the Contractor agrees to comply with same.

- V. CONTRACT TERM. The term of this contract shall extend from July 1, 2014 through June 30, 2015. The City shall have the option, at its sole discretion, to renew this contract for two (2) additional one (1) year terms. It is understood that in the event the term of this contract or any renewal option exercised extends beyond June 30 in any calendar year, the City reserves the right to terminate the contract if funding for its continuance is not appropriated in the succeeding fiscal year commencing July 1.
- VI. AUTHORIZATION OF AND PAYMENT FOR WORK PERFORMED. The execution of this contract does not constitute a notice to proceed or authorization to perform work. No work shall be commenced unless authorized by a written Work Order prepared by City of Newton Public Buildings Department specifying the work to be performed. The Contractor will be paid for work performed in accordance with the provisions contained in the Project Manual and applicable state law.
- VII. RESPONSIBILITY FOR THE WORK/INDEMNIFICATION. The Contractor shall take all responsibility for the work, and shall take all precautions for preventing injuries to persons and property in or about the work and shall defend, indemnify and hold the City harmless from all loss, cost, damage or expense arising from injuries to persons or property in or about the work. The Contractor shall be responsible for any damage which may be caused by the failure or insufficiency of any temporary works. He shall effectively protect his work and shall be liable for all damage and loss by delay or otherwise caused by his neglect or failure so to do.
- VIII. WARRANTY. Except as may be otherwise provided in the Project Manual, the Contractor shall replace, repair or make good, without cost to the City, any defects or faults arising within one (1) year after date of acceptance of work and materials furnished hereunder (acceptance not to be unreasonably delayed) resulting from imperfect or defective work done or materials furnished by the Contractor.
- IX. PATENT INDEMNIFICATION. The Contractor agrees to assume the defense of and shall indemnify and save harmless the City and all persons acting for or on behalf of it from all suits and claims against them, or any of them, arising from or occasioned by the use of any material, equipment or apparatus, or any part thereof which infringes or is alleged to infringe on any patent rights. In case such material, equipment or apparatus, or any part thereof, in any such suit is held to constitute infringement, the Contractor, within a reasonable time, shall at its own expense, and as the City may elect, replace such material, equipment or apparatus with non-infringing material, equipment or apparatus, or remove the material, equipment, or apparatus and refund the sums paid therefor.
- **X. ASSIGNMENT/SUB-CONTRACTING.** The Contractor agrees that he will not sell, assign or transfer this Contract or any part thereof or interest therein without the prior written consent of the City.
- XI. TERMINATION. If the work to be done under this Contract shall be abandoned, or if this Contract or any part thereof shall be assigned or transferred, without the previous written consent of the City, or if the Contract or any claim hereunder shall be assigned by the Contractor otherwise than as herein specified, or if at any time the City determines that the conditions herein specified as to the rate of progress are not fulfilled, or that the work or any part thereof, is unnecessarily or unreasonably delayed, or that the Contractor has violated any of the provisions of this Contract, the City may terminate this Contract and/or notify the Contractor to discontinue such work or such part thereof as the City may designate, and the City may thereupon by agreement or otherwise, as it may determine, complete the work, or any part thereof; and for such completion the City for itself or for its Contractor may take possession of and use or cause to be used in the completion of the work thereof any of such materials, apparatus, machinery, implements, and tools of every description as may be found upon said work. Termination pursuant to this paragraph shall not entitle the Contractor to any claim for damages on account thereof, nor shall it relieve the Contractor of any liability under this Contract.
- XII. GOVERNING LAW. This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Massachusetts.
- XIII. SEVERABILITY. The provisions of this Contract are severable. If any section, paragraph, clause or provision of this Contract shall be finally adjudicated by a court of competent jurisdiction to be invalid, the remainder of this Contract shall be unaffected by such adjudication and all of the remaining provisions of this Contract shall remain in full force and effect as though such section, paragraph, clause or provision, or any part thereof so adjudicated to be invalid, had not been included herein, unless such remaining provisions, standing alone, are incomplete and incapable of being executed in accordance with the intent of the parties to this Contract.
- **XIV. AMENDMENTS TO THIS CONTRACT.** This Contract may not be amended except in writing executed in the same manner as this CITY-CONTRACTOR Agreement.

IN WITNESS WHEREOF, the parties have caused this instrument to be executed under seal the day and year first above written.

CONTRACTOR CITY OF NEWTON

By	By
Print Name	ByChief Procurement Officer
Title	
Date	Date
Affix Corporate Seal Here	
	By
	Commissioner of Public Building.
	Date
I hereby certify that funds are available in the	Approved as to Legal Form and Character
following account numbers:	D
<u>01-115-02-52407 -</u>	Associate City Solicitor
<u>01-115-03-52407 -</u> <u>01-115-06-52407 -</u>	Associate City Solicitor
98550690-52407 -	Date
I further certify that the Mayor, or his designee, is authorized to execute contracts and approve	
change orders.	CONTRACT APPROVED
By Comptroller of Accounts	
Comptroller of Accounts	
	By
	Mayor or his designee
Date	
	Date

CERTIFICATE OF AUTHORITY - CORPORATE

1.	I hereby certify that I am the Clerk/Secretary of
	(insert full name of Corporation)
2.	corporation, and that (insert the name of officer who signed the <u>contract and bonds</u> .)
	(insert the name of officer who signed the contract and bonds .)
3.	is the duly elected (insert the title of the officer in line 2)
4	
4.	of said corporation, and that on (insert a date that is <i>ON OR BEFORE</i> the date the officer signed the contract and bonds.)
	at a duly authorized meeting of the Board of Directors of said corporation, at which all the directors were present or waived notice, it was voted that
5.	(insert name from line 2) (insert title from line 3)
	(insert name from line 2) (insert title from line 3)
	of this corporation be and hereby is authorized to execute contracts and bonds in the name and on behalf of said corporation, and affix its Corporate Seal thereto, and such execution of any contract of obligation in this corporation's name and on its behalf, with or without the Corporate Seal, shall be valid and binding upon this corporation; and that the above vote has not been amended or rescinded and remains in full force and effect as of the date set forth below.
6.	ATTEST: AFFIX CORPORATE (Signature of Clerk or Secretary)* SEAL HERE
_	
7.	Name:(Please print or type name in line 6)*
8.	Date:
	Date: (insert a date that is <i>ON OR AFTER</i> the date the officer signed the <u>contract and bonds</u> .)

^{*} The name and signature inserted in lines 6 & 7 must be that of the Clerk or Secretary of the corporation.

CERTIFICATION OF TAX COMPLIANCE

Pursuant to M.G.L. c.62C, §49A and requirements of the City, the undersigned acting on behalf of the Contractor certifies under the penalties of perjury that the Contractor is in compliance with all laws of the Commonwealth relating to taxes including payment of all local taxes, fees, assessments, betterments and any other local or municipal charges (unless the Contractor has a pending abatement application or has entered into a payment agreement with the entity to which such charges were owed), reporting of employees and contractors, and withholding and remitting child support.*

Signature of Individual or Corporate Contractor (Mandatory)	* Contractor's Social Security Number (Voluntary) or Federal Identification Number	
Print Name:		
By: Corporate Officer (Mandatory, if applicable)	Date:	
Print Name:		

^{*} The provision in this Certification relating to child support applies only when the Contractor is an individual.

^{**} Approval of a contract or other agreement will not be granted until the City receives a signed copy of this Certification.

^{***} Your social security number may be furnished to the Massachusetts Department of Revenue to determine whether you have met tax filing or tax payment obligations. Providers who fail to correct their non-filing or delinquency will not have a contract or other agreement issued, renewed, or extended.

CITY OF NEWTON, MASSACHUSETTS

PERFORMANCE BOND

Know All Men By These Presents:		
That we,	as PRINCIPAL, and	, as
(\$) to be paid to the Ol	as PRINCIPAL, and ne City of Newton as Obligee, in the sum of bligee, for which payments well and truly to be made, we bind our	dollars selves, our respective
heirs, executors, administrators, successors a	and assigns, jointly and severally, firmly by these presents.	
	s made a contract with the Obligee, bearing the date of in Newton, Massachusetts.	, 2014, for the
(Project	Title)	
and truly keep and perform all the undertaki and performed during the original term of sa without notice to the SURETY, and during t and perform all the undertakings, covenants, alterations, changes or additions to said contalterations, changes or additions being herebfull force, virtue and effect. In the event, that the contract is aban of the PRINCIPAL or the authority of the Pl SURETY shall, if requested in writing by the	is such that if the PRINCIPAL and all Sub-contractors under said ngs, covenants, agreements, terms and conditions of said contract aid contract and any extensions thereof that may be granted by the the life and any guarantee required under the contract, and shall al, agreements, terms and conditions of any and all duly authorized tract that may hereafter be made, notice to the SURETY of such now waived, then this obligation shall become null and void; otherwaldoned by the PRINCIPAL, or in the event that the Obligee termin RINCIPAL to continue the work said SURETY hereby further agree Obligee, take such action as is necessary to complete said contract. L and SURETY have hereto set their hands and seals thisday of the contract of the principal said seals thisday of the principal said said said said said said said said	on its part to be kept Obligee, with or so well and truly keep modifications, nodifications, rise, it shall remain in attes the employment rees that said act.
PRINCIPAL	SURETY	
BY(SEAL)	BY(ATTORNEY-IN-FACT) (SEAL)	_
(SEAL)	(ATTORNET-IN-TACT) (SEAL)	
(Title)	_	
ATTEST:	ATTEST:	_

CITY OF NEWTON, MASSACHUSETTS

PAYMENT BOND

Know All Men By These Presents:		
(\$) to be paid to the	, as PRINCIPAL, and to the City of Newton as Obligee, in the sum of e Obligee, for which payments well and truly to be made, we bir ors and assigns, jointly and severally, firmly by these presents.	, as dollars nd ourselves, our respective
construction of	has made a contract with the Obligee, bearing the date of in Newton, Massachusetts. oject Title)	, 2014, for the
pay for all labor performed or furnished modifications, alterations, extensions of SURETY of such modifications, alteratiany other purposes or items set out in, an amended, then this obligation shall become	igation are such that if the PRINCIPAL and all Sub-contractors and for all materials used or employed in said contract and in artime, changes or additions to said contract that may hereafter be sons, extensions of time, changes or additions being hereby waivend to be subject to, provisions of M.G.L. c. 30, sec. 39A, and M. ome null and void; otherwise it shall remain in full force, virtue a IPAL and SURETY have hereto set their hands and seals this	ny and all duly authorized e made, notice to the red, the foregoing to include I.G.L. c. 149 sec. 29, as and effect.
PRINCIPAL	SURETY	<u> </u>
BY(SEAL)	BY(ATTORNEY-IN-FACT) (SEA	
(Title)		
ATTEST:	ATTEST:	

CITY OF NEWTON GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

1.0 <u>DEFINITIONS</u>

1.1 THE CONTRACT DOCUMENTS

The term "Contract Documents" sometimes also referred to as the "Contract", means the contract entered into between the City of Newton (hereinafter "City") and the Contractor. It includes the Invitation for Bid, General Bid Form, Contract Form, these General Conditions of the Contract, Supplements and Amendments to the General Conditions (if any), Contract Specifications, Drawings, all addenda issued prior to execution of the contract, the Bid Bond, the Labor and Material Payment Bond, or other assurances of completion, the applicable wage rate determinations, and other documents listed in the Agreement and modifications issued after execution of the contract.

1.2 THE WORK

The term "Work", sometimes also referred to as the "Project", means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment, and services provided or to be provided by the Contractor to fulfill the Contractor's obligation.

1.3 OWNER

The term "Owner" is the City of Newton.

1.4 CONTRACT OFFICER

The term "Contract Officer" means the person appointed by the Owner to administer the terms of the Contract between the Owner and the Contractor, who is also empowered to take certain actions under this Agreement.

1.5 CONTRACTOR

- 1.5.1 The Contractor, sometimes referred to as the General Contractor, is the person or entity identified as such throughout the Contract Documents as if singular in number. The term Contractor means the Contractor or its authorized representative.
- 1.5.2 The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences and procedures, and for coordinating all portions of the Work under the Contract.

1.6 SUBSTANTIAL COMPLETION

The term "Substantial Completion" means the value of the work remaining to be performed by the Contractor is, in the estimate of the awarding authority, less than one percent (1%) of the original contract price.

2.0 CONTRACT ADMINISTRATION

2.1 PRE-CONSTRUCTION CONFERENCE

- 2.1.1 Prior to commencement of the Work, the Contractor shall meet in conference with representatives of the Owner regarding the Owner's requirements under the Contract for administration of the quality assurance program, safety program, labor provisions, the schedule of work, and other Contract procedures.
- 2.1.2 The Contractor shall begin work upon receipt of a written Notice to Proceed from the Contract Officer or designee. The Contractor shall not begin work prior to receiving such notice.

2.2 CONTRACT PERIOD

The Contractor shall complete all work required under this contract within the timeframe specified elsewhere in this document, or within the time schedule established in the notice to proceed issued by the Contracting Officer.

2.3 REJECTION OF DEFECTIVE MATERIALS AND WORK

The Owner's inspection of the Work shall not relieve the Contractor of any of its responsibilities to fulfill the Contract obligations, and defective work shall be corrected without cost to the Owner. Unsuitable work may be rejected by the Owner, notwithstanding that such work and materials have been previously overlooked or misjudged by the Owner and accepted for payment. If the Work or any part thereof shall be found defective at any time before the final acceptance of the whole Work, the Contractor shall forthwith correct such defect in a manner satisfactory to the Owner, and if any material brought upon the site for use in the Work, or selected for the same, shall be rejected by the Owner as unsuitable or not in conformity with the Contract requirements, the Contractor shall forthwith remove such materials from the vicinity of the Work.

2.4 CHANGES

2.4.1 All changes in the work including any increase, decrease, or other equitable adjustment in the Contract price or in the time for performing the Contract, shall be authorized in writing by the Owner and/or Contract Officer prior to commencement.

2.5 CONTRACT PRICE

The Contract Price is stated in the Contract Form, and including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

2.6 APPLICATIONS FOR PAYMENT

- 2.6.1 Once each month, on a date established by the Owner at the beginning of the Work, the Contractor shall deliver to the Owner an itemized Application for Payment, supported by such data substantiating the Contractor's right to payment as the Owner may require, and reflecting a minimum of 5% retainage until the final acceptance and payment by the Owner.
- 2.6.2 The Owner shall make payment to the Contractor within 30 days of receipt of said application, less any applicable retainage.
- 2.6.3 The Owner may make changes in any application for payment submitted by the Contractor for:
 - i. Retention based on the value of its claims against the Contractor,
 - ii. Retention of 5% of the approved amount of the Application for Payment.

2.7 FINAL PAYMENT

The acceptance by the Contractor of the last payment due under this Contract or the execution of the Final Certificate of Completion, shall operate as a release to the Owner from all claims and liability related to this Contract.

2.8 GUARANTY AND WARRANTY

2.8.1 WARRANTY

The Contractor warrants to the Owner that materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work will conform with the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

2.8.2 GENERAL GUARANTY

If at any time during the period of one (1) year from the date of Substantial Completion of the Work to be performed under this Contract, any part of the Work shall, in the reasonable determination of the Owner, require replacing or repairing due to the fact that it is broken, defective, or otherwise does not conform to the Contract Documents, the Owner will notify the Contractor to make the required repairs or replacement. If the Contractor shall neglect to commence such repairs or replacement to the satisfaction of

the Owner within ten (10) days from the date of giving or mailing such notice, then the Owner may employ other persons to make the same. The Contractor agrees, upon demand, to pay to the Owner all amounts which the Owner expends for such repairs or replacements. During this one year guarantee period any corrective work shall be performed in accordance with the applicable terms of this Contract. For items of work completed after use and occupancy has been taken, the one year guarantee shall commence at the time the Owner accepts such items. This one year guarantee shall not limit any express guaranty or warranty provided elsewhere in the Contract.

2.9 INSURANCE REQUIREMENTS

2.9.1 The Contractor shall provide insurance coverage as listed below. This insurance shall be provided at the Contractor's expense and shall be in full force and effect during the full term of this Contract.

WORKER'S COMPENSATION

Worker's Compensation: Per M.G.L. c.. 149, s. 34 and c.. 152 as amended.

COMMERCIAL GENERAL LIABILITY

Personal Injury \$500,000 each occurrence

\$1,000,000 aggregate

Property Damage \$500,000 each occurrence

\$1,000,000 aggregate

VEHICLE LIABILITY

Personal Injury \$500,000 each person

\$1,000,000 aggregate

Property Damage \$300,000 each occurrence

\$500,000 aggregate

2.9.2 OWNER AS CO-INSURED

The Owner shall be named as additional insureds on the Contractor's Liability Policies.

2.9.3 CERTIFICATES OF INSURANCE, POLICIES

- i. The Contractor shall not commence the work until proof of compliance with this Section 2.9 has been furnished to the Owner by submitting one copy of a properly endorsed insurance certificate issued by a company authorized to write insurance in the Commonwealth. This certificate shall indicate that the contractual liability coverage is in force.
- ii. The Contractor shall file the original and one certified copy of all policies with the Owner within fifteen (15) days after contract award. If the Owner is damaged by the Contractor's failure to maintain such insurance and to so notify the Owner, then the Contractor shall be responsible for all reasonable costs attributable thereto.

2.9.4 CANCELLATION

Cancellation of any insurance required by this contract, whether by the insurer or the insured, shall not be valid unless written notice thereof is given by the party proposing cancellation to the other party and Owner at least thirty days prior to the effective date thereof, which shall be expressed in said notice.

2.10 INDEMNIFICATION

The Contractor shall take all responsibility for the Work and take all precautions for preventing injuries to persons and property in or about the Work; shall bear all losses resulting to or on account of the amount or character of the Work. The Contractor shall pay or cause payment to be made for all labor performed or furnished and for all materials used or employed in carrying out this Contract. The Contractor shall assume the defense of, and indemnify and save harmless the Owner, and the Owner's officers and agents from all claims relating to labor performed or furnished and materials used or employed for the Work; to inventions, patents and patent rights used in and in doing the Work unless such patent infringement is due to a product or process specified by the Owner; to injuries to any person or corporation received or sustained by or from the Contractor and any employees, and

subcontractors and employees, in doing the work, or in consequence of any improper materials, implements or labor used or employed therein; and to any act, omission or neglect of the Contractor and any employees therein.

2.11 BONDS

The Contractor shall provide the Owner with a performance and with a payment or labor and materials bond in the form provided by the Owner, executed by a surety company licensed by the Commonwealth of Massachusetts' Division of Insurance. Such bond shall be in an amount equal to at least one half of the Contract price unless otherwise stated in the Contract Documents. All bonds shall be accompanied by a current power of attorney.

2.12 TERMINATION

2.12.1 TERMINATION FOR CAUSE

- i. The Owner may terminate this contract for cause if it determines that any of the following circumstances have occurred:
 - a. The Contractor is adjudged bankrupt or has made a general assignment for the benefit of its creditors.
 - b. A receiver has been appointed of the Contractor's property.
 - c. All or a part of the Work has been abandoned.
 - d. The Contractor has sublet or assigned all or any portion of the Work, the Contract, or claims thereunder, without the prior written consent of the Owner, except as provided in the Contract.
 - e. The Owner has determined that the rate of progress required on the project is not being met.
 - f. The Contractor has substantially violated any provisions of this Contract.
- ii. The Owner may complete the Work, or any part thereof, and charge its expense of so completing the Work or part thereof, to the Contractor.
- iii. The Owner may take possession of and use any materials, machinery, implements and tools found upon the site of said Work. The Owner shall not be liable for any depreciation, loss or damage to said materials, machinery, implements or tools during said use and the Contractor shall be solely responsible for their removal from the Project site after the Owner has no further use for them.

2.12.2 TERMINATION - NO FAULT

- i. In the event that this Contract is terminated by the Owner, prior to the completion of construction and termination is not based on a reason listed in Paragraph 2.12.1, the Contractor shall be compensated for its costs incurred on the Project, including reasonable costs of de-mobilization, covering the period of time between the last approved application for payment and the date of termination.
- ii. Payment by the Owner pursuant to Section 2.7 shall be considered to fully compensate the Contractor for all claims and expenses and those of any consultants, subcontractors, and suppliers, directly or indirectly attributable to the termination, including any claims for lost profits.

2.13 PERMITS, FEES, AND NOTICES

- 2.13.1 The Contractor shall secure and the Owner shall pay for the building permit, if required. The Contractor shall coordinate all efforts required to obtain this permit. All other permits and governmental fees, licenses, and inspections necessary for proper execution and completion of the Work shall be secured and paid for by the Contractor.
- 2.13.2 The Contractor shall comply with and give notices required by laws, ordinances rules, regulations, and lawful orders of public authorities bearing on performance of the Work.
- 2.13.3 If the Contractor performs Work that it knows or reasonably should know is contrary to laws, statutes, ordinances, building codes, and rules and regulations without such notice to the Owner, the Contractor shall assume full responsibility for such Work and shall bear the attributable costs.

2.14 SAFETY REQUIREMENTS

2.14.1 The Contractor shall comply with all Federal, State, and local safety laws and regulations applicable to the Work performed under this Contract.

2.15 TEMPORARY HEATING

Not required; do not install Removal & Installation of Gym Flooring in any space which is not heated properly.

2.16 AVAILABILITY AND USE OF UTILITY SERVICES

2.16.1 The City shall make all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the Contract. Unless otherwise provided in the Contract, the amount of each utility service consumed shall be charged to or paid for by the Contractor at prevailing rates charged to the City or, where the utility is produced by the City, at reasonable rates determined by the Contracting Officer. The Contractor shall carefully conserve any utilities furnished without charge.

2.17 DISPUTES

- 2.17.1 "Claim," as used in this section, means a written demand or written assertion by one of the contracting parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of contract terms, or other relief arising under or relating to the contract. A claim arising under the Contract, unlike a claim relating to the Contract, is a claim that can be resolved under a Contract clause that provides for the relief sought by the claimant. A voucher, invoice, or other routine request for payment that is not in dispute when submitted is not a claim. The submission may be converted to a claim by complying with the requirements of this section, if it is disputed either as to liability or amount or is not acted upon in a reasonable time.
- 2.17.2 All disputes arising under or relating to this Contract, including any claims for damages for the alleged breach thereof which are not disposed of by agreement, shall be resolved under this section.
- 2.17.3 All claims by the Contractor shall be made in writing and submitted to the Contract Officer for a written decision. A claim by the City against the Contractor shall be subject to a written decision by the Contract Officer.
- 2.17.4 The Contract Officer shall, within thirty (30) days after receipt of the request, decide the claim or notify the Contractor of the date by which the decision will be made.
- 2.17.5 The Contract Officer's decision shall be final unless the Contractor (1) appeals in writing to a higher level in the City, (2) refers the appeal to an independent mediator or arbitrator, or (3) files suit in a court of competent jurisdiction. Such appeal must be made within thirty (30) days after receipt of the Contract Officer's decision.
- 2.17.6 The Contractor shall proceed diligently with performance of this Contract and/or any authorized change thereof, pending final resolution of any request for relief, claim, appeal, or action arising under or relating to the Contract and/or any authorized change thereof, and comply with any decision of the Contract Officer.

2.18 LIQUIDATED DAMAGES

- 2.18.1 If the Contractor fails to complete the Work within the time specified in the contract, or any extension thereof, the Contractor shall pay to the City as liquidated damages, the sum of \$250.00 for each day of delay. Completion dates are specified in the Contract for separate phases of the work, and the amount of liquidated damages shall be assessed on each and every phase which is delayed. In the contect of this paragraph, "delay" means failure to provide installed and complete Removal & Installation of Gym Flooring on the date required by Peabody Construction, who is the Owner's Contractor for the Phase 2 Renovation project at Angier Elementary School. To the extent that the Contractor's delay or nonperformance is excused under another section in this Contract, liquidated damages shall not be due the City. The Contractor remains liable for damages caused other than by delay.
- 2.18.2 If the City terminates the Contractor's right to proceed pursuant to section 2.12.1, the resulting damage will consist of liquidated damages until such reasonable time as may be required for final completion of the Work together with any increased costs to the City in completing the Work.

2.18.3 If the City does not terminate the Contractor's right to proceed, the resulting damage will consist of liquidated damages until the Work is completed or accepted.

3.0 SALES TAX EXEMPTION AND OTHER TAXES

- 3.0.1 To the extent that materials and supplies are used or incorporated in the performance of this Contract, the Contractor is considered an exempt purchaser under the Massachusetts Sales Act, Chapter 14 of the Acts of 1966.
- 3.0.2 The Contractor shall be responsible for paying all other taxes and tariffs of any sort, related to the Work.

3.1 PROHIBITION AGAINST LIENS

The Contractor is prohibited from placing a lien on the City's property. This prohibition shall apply to all subcontractors at any tier and all materials suppliers.

3.2 ORDER OF PRECEDENCE

In the event of a conflict between these General Conditions and the Specifications, the General Conditions shall prevail. In the event of a conflict between the Contract and any applicable state or local law or regulation, the state or local law or regulation shall prevail; provided that such state or local law or regulation does not conflict with, or is less restrictive than applicable federal law, regulation, or Executive Order. In the event of such a conflict, applicable federal law, regulation, and Executive Order shall prevail.

3.3 EXAMINATION AND RETENTION OF CONTRACTOR'S RECORDS

The City of Newton shall, until three (3) years after final payment under this Contract, have access to and the right to examine any of the Contractor's directly pertinent books, documents, papers, or other records involving transactions related to this Contract for the purpose of making audit, examination, excerpts, and/or transcriptions.

END OF GENERAL CONDITIONS

PUBLIC BUILDING MAINTENANCE CONTRACT SUPPLEMENTAL CONDITIONS COMMONWEALTH OF MASSACHUSETTS & CITY OF NEWTON

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SUPPLEMENTAL CONDITIONS - COMMONWEALTH OF MASSACHUSETTS

Article 1. METHOD OF PAYING SUBCONTRACTORS

(General Laws, Chapter 30, Section 39F as most recently amended by Chapter 450, §76 of the Acts of 1996)

- (1.) Every contract awarded pursuant to section forty-four A to L, inclusive, of chapter one hundred and forty-nine shall contain the following subparagraphs (a) through (i) and every contract awarded pursuant to section thirty-nine M of chapter thirty shall contain the following subparagraphs (a) through (h) and in each case those subparagraphs shall be binding between the general contractor and each subcontractor.
- (a) Forthwith after the general contractor receives payment on account of a periodic estimate, the general contractor shall pay to each subcontractor the amount paid for the labor performed and the materials furnished by the subcontractor, less any amount specified in any court proceedings barring such payment and also less any amount claimed due from the subcontractor by the general contractor.
- (b) Not later than the sixty-fifth day after each subcontractor substantially completes his work in accordance with the plans and specifications, the entire balance due under the subcontract less amounts retained by the awarding authority as the estimated cost of completing the incomplete and unsatisfactory items of work, shall be due the subcontractor; and the awarding authority shall pay that amount to the general contractor. The general contractor shall forthwith pay to the subcontractor the full amount received from the awarding authority less any amount specified in any court proceedings barring such payment and also less any amount claimed due from the subcontractor by the general contractor.
- (c) Each payment made by the awarding authority to the general contractor pursuant to subparagraphs (a) and (b) of this paragraph for the labor performed and the materials furnished by a subcontractor shall be made to the general contractor for the account of that subcontractor, and the awarding authority shall take reasonable steps to compel the general contractor to make each such payment to each such subcontractor. If the awarding authority has received a demand for direct payment from a subcontractor for any amount which has already been included in a payment to the general contractor or which is to be included in a payment to the general contractor for payment to the subcontractor as provided in subparagraphs (a) and (b), the awarding authority shall act upon the demand as provided in this section.
- (d) If, within seventy days after the subcontractor has substantially completed the subcontract work, the subcontractor has not received from the general contractor the balance due under the subcontract including any amount due for extra labor and materials furnished to the general contractor, less any amount retained by the awarding authority as the estimated cost of completing the incomplete and unsatisfactory items of work, the subcontractor may demand direct payment of the balance from the awarding authority. The demand shall be by a sworn statement delivered to or sent by certified mail to the awarding authority, and a copy shall be delivered to or sent by certified mail to the general contractor at the same time. The demand shall contain a detailed breakdown of the balance due under the subcontract and also a statement of the status of completion of the subcontract work. Any demand made after substantial completion of the subcontract work shall be valid even if delivered or mailed prior to the seventieth day after the subcontractor has substantially completed the subcontract work. Within ten days after the subcontractor has delivered or so mailed the demand to the awarding authority and delivered or so mailed a copy to the general contractor, the general contractor may reply to the demand. The reply shall be by a sworn statement delivered to or sent by certified mail to the awarding authority and a copy shall be delivered to or sent by certified mail to the subcontractor at the same time. The reply shall contain a detailed breakdown of the balance due under the subcontract including any amount due for extra labor and materials furnished to the general contractor and of the amount due for each claim made by the general contractor against the subcontractor.
- (e) Within fifteen days after receipt of the demand by the awarding authority, but in no event prior to the seventieth day after substantial completion of the subcontract work, the awarding authority shall make direct payment to the subcontractor of the balance due under the subcontract including any amount due for extra labor and materials furnished to the general contractor, less any amount (i) retained by the awarding authority as the estimated cost of completing the incomplete or unsatisfactory items of work, (ii) specified in any court proceedings barring such payment, or (iii) disputed by the general contractor in the sworn reply; provided, that the awarding authority shall not deduct form a direct payment any amount as provided in part (iii) if the reply is not sworn to, or for which the sworn reply does not contain the detailed breakdown required by subparagraph (d). The awarding authority shall make further direct payments to the subcontractor forthwith after the removal of the basis for deductions from direct payments made as provided in parts (i) and (ii) of this subparagraph.
- (f) The awarding authority shall forthwith deposit the amount deducted from a direct payment as provided in part (iii) of subparagraph (e) in an interest-bearing joint account in the names of the general contractor and the subcontractor in a bank in Massachusetts selected by the awarding authority or agreed upon by the general contractor and the subcontractor and shall notify the general contractor and the subcontractor of the date of the deposit and the bank receiving the deposit. The bank shall pay the

amount in the account, including accrued interest, as provided in an agreement between the general contractor and the subcontractor or as determined by a decree of a court of competent jurisdiction.

- (g) All direct payments and all deductions from demands for direct payments deposited in an interest-bearing account for accounts in a bank pursuant to subparagraph (f) shall be made out of amounts payable to the general contractor at the time of receipt of a demand for direct payment from a subcontractor and out of amounts which later become payable to the general contractor and in the order of receipt of such demands from subcontractors. All direct payments shall discharge the obligation of the awarding authority to the general contractor to the extent of such payment.
- (h) The awarding authority shall deduct from payments to a general contractor amounts which, together with the deposits in interest-bearing accounts pursuant to subparagraph (f), are sufficient to satisfy all unpaid balances of demands for direct payment received from subcontractors. All such amounts shall be earmarked for such direct payments, and the subcontractors shall have a right in such deductions prior to any claims against such amounts by creditors of the general contractor.
- (i) If the subcontractor does not receive payment as provided in subparagraph (a) or if the general contractor does not submit a periodic estimate for the value of the labor or materials performed or furnished by the subcontractor and the subcontractor does not receive payment for same when due less the deductions provided for in subparagraph (a), the subcontractor may demand direct payment by following the procedure in subparagraph (d) and the general contractor may file a sworn reply as provided in that same subparagraph. A demand made after the first day of the month following that for which the subcontractor performed or furnished the labor and materials for which the subcontractor seeks payment shall be valid even if delivered or mailed prior to the time payment was due on a periodic estimate from the general contractor. Thereafter the awarding authority shall proceed as provided in subparagraph (e), (f), (g) and (h).

Article 2. METHOD OF PAYING GENERAL CONTRACTORS

(General Laws, Chapter 30, Section 39K as most recently amended by Chapter 145 of the Acts of 1991 and Chapter 151 of the Acts of 1993.)

Every contract for the construction, reconstruction, alteration, remodeling, repair or demolition of any public building by the commonwealth, or by any county, city, town, district, board, commission or other public body, when the amount is more than five thousand dollars in the case of the commonwealth and more than two thousand dollars in the case of any county, city, town, district, board, commission or other public body, shall contain the following paragraph:--Within fifteen days (forty-five days in the case of the commonwealth, including local housing authorities) after receipt from the contractor, at the place designated by the awarding authority if such a place is so designated, of a periodic estimate requesting payment of the amount due for the preceding month, the awarding authority will make a periodic payment to the contractor for the work performed during the preceding month and for the materials not incorporated in the work but delivered and suitably stored at the site (or at some location agreed upon in writing) to which the contractor has title or to which a subcontractor has title and has authorized the contractor to transfer title to the awarding authority, less (1) a retention based on its estimate of the fair value of its claims against the contractor and less (2) a retention for direct payments to subcontractors based on demands for same in accordance with the provisions of section thirty-nine F, and less (3) a retention not exceeding five per cent of the approved amount of the periodic payment. After the receipt of a periodic estimate requesting final payment and within sixty-five days after (a) the contractor fully completes the work or substantially completes the work so that the value of the work remaining to be done is, in the estimate of the awarding authority, less than one per cent of the original contract price, or (b) the contractor substantially completes the work and the awarding authority takes possession for occupancy, whichever occurs first, the awarding authority shall pay the contractor the entire balance due on the contract less (1) a retention based on its estimate of the fair value of its claims against the contractor and of the cost of completing the incomplete and unsatisfactory items of work and less (2) a retention for direct payments to subcontractors based on demands for same in accordance with the provisions of section thirty-nine F, or based on the record of payments by the contractor to the subcontractors under this contract if such record of payment indicates that the contractor has not paid subcontractors as provided in section thirtynine F. If the awarding authority fails to make payment as herein provided, there shall be added to each such payment daily interest at the rate of three percentage points above the rediscount rate then charged by the Federal Reserve Bank of Boston commencing on the first day after said payment is due and continuing until the payment is delivered or mailed to the contractor; provided, that no interest shall be due, in any event, on the amount due on a periodic estimate for final payment until fifteen days (twenty-four days in the case of the commonwealth) after receipt of such a periodic estimate from the contractor, at the place designated by the awarding authority if such a place is so designated. The contractor agrees to pay to each subcontractor a portion of any such interest paid in accordance with the amount due each subcontractor.

The awarding authority may make changes in any periodic estimate submitted by the contractor and the payment due on said periodic estimate shall be computed in accordance with the changes so made, but such changes or any requirement for a corrected periodic estimate shall not affect the due date for the periodic payment or the date for the commencement of interest charges on the

amount of the periodic payment computed in accordance with the changes made, as provided herein; provided, that the awarding authority may, within seven days after receipt, return to the contractor for correction, any periodic estimate which is not in the required form or which contains computations not arithmetically correct and, in that event, the date of receipt of such periodic estimate shall be the date of receipt of the corrected periodic estimate in proper form and with arithmetically correct computations. The date of receipt of a periodic estimate received on a Saturday shall be the first working day thereafter. The provisions of section thirty-nine G shall not apply to any contract for the construction, reconstruction, alteration, remodeling, repair or demolition of any public building to which this section applies.

All periodic estimates shall be submitted to the awarding authority, or to its designee as set forth in writing to the contractor, and the date of receipt by the awarding authority or its designee shall be marked on the estimate. All periodic estimates shall contain a separate item for each filed subtrade and each sub-subtrade listed in sub-bid form as required by specifications and a column listing the amount paid to each subcontractor and sub-subcontractor as of the date the periodic estimate is filed. The person making payment for the awarding authority shall add the daily interest provided for herein to each payment for each day beyond the due date based on the date of receipt marked on the estimate.

A certificate of the architect to the effect that the contractor has fully or substantially completed the work shall, subject to the provisions of section thirty-nine J, be conclusive for the purposes of this section.

Article 3. CLAIMS FOR UNFORESEEN CONDITIONS

(General Laws, Chapter 30, Section 39N as most recently amended by Chapter 774 of the Acts of 1972)

Every contract subject to section forty-four A of chapter one hundred and forty-nine or subject to section thirty-nine M of chapter thirty shall contain the following paragraph in its entirety and an awarding authority may adopt reasonable rules or regulations in conformity with that paragraph concerning the filing, investigation and settlement of such claims:

If, during the progress of the work, the contractor or the awarding authority discovers that the actual subsurface or latent physical conditions encountered at the site differ substantially or materially from those shown on the plans or indicated in the contract documents either the contractor or the contracting authority may request an equitable adjustment in the contract price of the contract applying to work affected by the differing site conditions. A request for such an adjustment shall be in writing and shall be delivered by the party making such claim to the other party as soon as possible after such conditions are discovered. Upon receipt of such a claim from a contractor, or upon its own initiative, the contracting authority shall make an investigation of such physical conditions, and, if they differ substantially or materially from those shown on the plans or indicated in the contract documents or from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the plans and contract documents and are of such a nature as to cause an increase or decrease in the cost of performance of the work or a change in the construction methods required for the performance of the work which results in an increase or decrease in the cost of the work, the contracting authority shall make an equitable adjustment in the contract price and the contract shall be modified in writing accordingly.

Article 4. CLAIMS FOR DELAY

(General Laws, Chapter 30, Section 390 as added by Chapter 116 of the Acts of 1973)

Every contract subject to the provisions of section thirty-nine M of this chapter or subject to section forty-four A of chapter one hundred forty-nine shall contain the following provisions (a) and (b) in their entirety and, in the event a suspension, delay, interruption or failure to act of the awarding authority increases the cost of performance to any subcontractor, that subcontractor shall have the same rights against the general contractor for payment for an increase in the cost of his performance as provisions (a) and (b) give the general contractor against the awarding authority, but nothing in provisions (a) and (b) shall in any way change, modify or alter any other rights which the general contractor or the subcontractor may have against each other.

(a) The awarding authority may order the general contractor in writing to suspend, delay, or interrupt all or any part of the work for such period of time as it may determine to be appropriate for the convenience of the awarding authority; provided however, that if there is a suspension, delay or interruption for fifteen days or more or due to a failure of the awarding authority to act within the time specified in this contract, the awarding authority shall make an adjustment in the contract price for any increase in the cost of performance of this contract but shall not include any profit to the general contractor on such increase; and provided further, that the awarding authority shall not make any adjustment in the contract price under this provision for any suspension, delay, interruption or failure to act to the extent that such is due to any cause for which this contract provides for an equitable adjustment of the contract price under any other contract provisions.

(b) The general contractor must submit the amount of a claim under provision (a) to the awarding authority in writing, as soon as practicable after the end of the suspension, delay, interruption of failure to act and, in any event, not later than the date of final payment under this contract and, except for costs due to a suspension order, the awarding authority shall not approve any costs in the claim incurred more than twenty days before the general contractor notified the awarding authority in writing of the act of failure to act involved in the claim.

Article 5. DECISIONS AND APPROVALS BY ENGINEER OR ARCHITECT

(General Laws, Chapter 30, Section 39P, as added by Chapter 1164 of the Acts of 1973)

Every contract subject to section thirty-nine M of this chapter or section forty-four A of chapter one hundred forty-nine which requires the awarding authority, any official, its architect or engineer to make a decision on interpretation of the specifications, approval of equipment, material or any other approval, or progress of the work, shall require that the decision be made promptly and, in any event, no later than thirty days after the written submission for decision; but if such decision requires extended investigation and study, the awarding authority, the official, architect or engineer shall, within thirty days after the receipt of the submission, give the party making the submission written notice of the reasons why the decision cannot be made within the thirty day period and the date by which the decision will be made.

Article 6. PREFERENCE IN EMPLOYMENT, WAGES

(General Laws, Chapter 149 Section 26 as most recently amended by Chapter 665 of the Acts of 1986 and Chapter 552 of the Acts of 1991).

In the employment of mechanics and apprentices, teamsters, chauffeurs and laborers in the construction of public works by the commonwealth, or by a county, town or district, or by persons contracting or subcontracting for such works, preference shall first be given to citizens of the commonwealth who have been residents of the commonwealth for at least six months at the commencement of their employment who are male veterans as defined in clause Forty-third of section seven of chapter four, and who are qualified to perform the work to which the employment relates; and secondly, to citizens of the commonwealth generally who have been residents of the commonwealth for at least six months at the commencement of their employment, and if they cannot be obtained in sufficient numbers, then to citizens of the United States, and every contract for such work shall contain a provision to this effect. Each county, town or district in the construction of public works, or persons contracting or subcontracting for such works, shall give preference to veterans and citizens who are residents of such county, town or district. The rate per hour of the wages paid to said mechanics and apprentices, teamsters, chauffeurs and laborers in the construction of public works shall not be less than the rate or rates of wages to be determined by the commissioner as hereinafter provided; provided, that the wages paid to laborers employed on said works shall not be less than those paid to laborers in the municipal service of the town or towns where said works are being constructed; provided, further, that where the same public work is to be constructed in two or more towns, the wages paid to laborers shall not be less than those paid to laborers in the municipal service of the town paying the highest rate; provided, further, that if, in any of the towns where the works are to be constructed, a wage rate or wage rates have been established in certain trades and occupations by collective agreements or understandings in the private construction industry between organized labor and employers, the rate or rates to be paid on said works shall not be less than the rates so established, provided, further that in towns where no such rate or rates have been so established, the wages paid to mechanics and apprentices, teamster, chauffeurs and laborers on public works, shall not be less than the wages paid to the employees in the same trades and occupations by private employers engaged in the construction industry. This section shall also apply to regular employees of the commonwealth or of a county, town or district, when such employees are employed in the construction, addition to or alteration of public buildings for which special appropriation of more than One Thousand Dollars are provided. Payments by employers to health and welfare plans, pension plans and supplementary unemployment benefit plans under collective bargaining agreements or understandings between organized labor and employers shall be included for the purpose of establishing minimum wage rates as herein provided.

Article 7. HOURS OF WORK

(General Laws, Chapter 149 Section 34 as most recently amended by Chapter 552 of the Acts of 1991).

Every contract, except for the purchase of material or supplies, involving the employment of laborers, workmen, mechanics, foremen or inspectors, to which the commonwealth or any county or town, subject to section thirty, is a party, shall contain a stipulation that no laborer, workman, mechanic, foreman or inspector working within the commonwealth, in the employ of the contractor, subcontractor or other person doing or contracting to do the whole or a part of the work contemplated by the contract, shall be required or permitted to work more than eight hours in any one day or more than forty-eight hours in any one week, or

more than six days in any one week, except in case of emergency, or, in case any town subject to section thirty-one is a party to such a contract, more than eight hours in any one day, except as aforesaid, provided, that in contracts entered into by the department of highways for the construction or reconstruction of highways there may be inserted in said stipulation a provision that said department, or any contractor or subcontractor for said department, may employ laborers, workmen, mechanics, foremen and inspectors for more than eight hours in any one day in such construction or reconstruction when, in the opinion of the commissioner of labor and industries, public necessity so requires. Every such contract not containing the aforesaid stipulation shall be null and void.

Article 8. WORK BY FOREIGN CORPORATIONS

(General Laws, Chapter 30 Section 39L, as most recently amended by Chapter 3 of the Acts of 1967).

The Commonwealth and every county, city, town, district, board, commission or other public body which, as the awarding authority, requests

proposals, bids or subbids for any work in the construction, reconstruction, alteration, remodeling, repair or demolition of any public building or other public works (1) shall not enter into a contract for such work with, and shall not approve as a subcontractor furnishing labor and materials for a part of any such work, a foreign corporation which has not filed with such awarding authority a certificate of the state secretary stating that such corporation has complied with sections three and five of chapter one hundred and eighty-one and the date of such compliance, and (2) shall report to the state secretary and to the department of corporations and taxation any foreign corporation performing work under such contract or subcontract, and any person, other than a corporation, performing work under such contract or subcontract, and residing or having a principal place of business outside the Commonwealth.

END OF SUPPLEMENTAL CONDITIONS

BUILDING MAINTENANCE SERVICE CONTRACT

SPECIAL CONDITIONS

The following provisions supplement the General Conditions of the Contract for Non-Technical Services. In the event of conflict or discrepancy between the General Conditions and these Special Conditions, the provisions of the Special Conditions shall govern.

1.0 SUMMARY OF WORK

- A. The Work under the Contract consists of:
 - 1. Furnishing all labor, materials, tools, equipment and supervision necessary to accomplish the work described herein,in accordance with all specifications and requirements of the Project Manual.
 - All work either shown on the Drawings (if any) or included in the specifications unless specifically indicated as not to be done.
- B. In addition, the work under the Contract includes:
 - 1. Work outside the Project Site as called for in the Contract Documents and as required for the performance of the Work.
 - 2. The restoration of any items damaged or destroyed by encroaching upon areas outside the Project Site.
 - 3. Providing and restoring, where appropriate, all temporary facilities.
- C. The Proposed Contract Price shall be complete costs, including overhead, profit, insurance, transportation, and all other costs connected with, or incidental to, the work described.

2.0 PROJECT SITE

A. The areas of work for this contract shall be various buildings within the City of Newton as specified on Work Orders to be issued from time to time during the term of this Contract.

3.0 NOTICE TO PROCEED/FAILURE TO COMMENCE WORK

- A. From time to time during the term of this Contract, the Contractor shall be issued notice to proceed in the form of a written Work Order issued by the Public Building Department listing specific work items to be performed in accordance with this Contract. The Contractor shall commence performance of the work within the time specified in the Work Order, and in no event within less than the time limits stated in the Work Specifications contained in the Project Manual.
- B. In the event the contractor fails to commence performance within the specified time, and/or notifies the City of its inability to do so, the City shall call upon the second Contractor awarded pursuant to this bid (if any) to perform the required work.
- C. In the event the second Contractor awarded pursuant to this bid is unable to commence performance within the required time, or if there is no second Contractor, the City reserves the right to contract for the work on the open market at the then prevailing rate and to deduct from any monies due or that may thereafter become due to the contractor the difference between the price stated for the work in the contract and the actual cost thereof to the City.
- D. In the event of Contractor's repeated failure to commence work within the time required by these specifications, the City shall exercise all provisions contained in the General Conditions regarding default, suspension or termination of this contract.

4.0 PAYMENT

A. Upon completion of the work specified in the Work Order, the Contractor may submit an invoice to the Public Building Department for the work performed. The Contractor will be paid only upon accepted completion of the work authorized. It shall be Contractor's responsibility to notify the Public Building Department upon completion of the work and to insure the work is promptly inspected by a Building Department representative.

5.0 COMMUNICATIONS

- A. All notices, demands, requests, instructions, approvals and claims must be in writing.
- B. Any such notice shall be deemed to have been given as of the time of delivery, or of actual receipt in the case of telegrams or, in the case of mailing, when it should have been received in due course of post.
- C. For communicating purposes, the office address of the Contractor shall be that stated on the signature page of the contract; that of the City shall be as stated in the Invitation for Bids. Any subsequent change in address of either party shall be communicated to the other in writing.

6.0 PLANS AND SPECIFICATIONS

A. The City will furnish to the Contractor, without charge, all copies of the specifications reasonably necessary in the performance of the contract work.

7.0 COORDINATION

The Contractor shall:

- A. Supply to the City the name and telephone number of a responsible person who may be contacted during off-hour emergencies during the term of the Contract.
- B. Cooperate at all times with the City and the Project Manager, and ensure the cooperation of his key personnel and that of his subcontractors.

8.0 CONDUCT OF THE WORK

- A. The work must be completed in a continuous uninterrupted operation. The Contractor must use sufficient workforce and adequate equipment to complete all the necessary work requirements within a minimum period of time.
- B. The work shall be conducted between the hours of 8:00 a.m. and 5:00 p.m. on Monday through Friday. No work shall be done on holidays, Saturdays or Sundays except as specifically requested and authorized by the City.
- C. Under no circumstances will the contractor be paid at a premium or overtime rate for any work performed without the express advance authorization of the City.
- D. The Contractor is responsible for the security of partially completed work until the project is finally accepted by the City.

9.0 ALTERATION

A. The Contractor shall patch, repair and/or replace all existing materials and surfaces remaining exposed after installation of new work which have been affected by alteration or removal of existing work. All patch and repair work shall match existing.

10.0 GENERAL DIRECTIONS

A. Damage to Persons and Property

Any damage to buildings, roads, public roads, bituminous concrete areas, fences, lawn areas, trees, shrubbery, electric or telephone poles, underground utilities, etc., shall be repaired by the Contractor at his own expense. Damaged property shall be returned to its original condition prior to the damages within a reasonable time period, except all utility outages shall be repaired immediately.

B. Protection of Persons and Property

The Contractor shall, at all times, leave an unobstructed way along the roadways and walks, and shall maintain barriers and lights for the protection of all persons and property in all locations where he has materials stored or work going on, and during the entire time such work is going on or material is stored.

C. Shutdown of Services

The Contractor's attention is especially called to the fact that continuous operation of building utilities and services is mandatory. During the period of construction of the new work and/or alterations to the existing work, the progress and sequence of installation shall be carefully planned and approved by the City. If any building is to be left without heat, hot water, city water, electricity, gas, sanitary facilities, or any other services, the Contractor shall provide reasonable written notice to the City before proceeding.

D. Care of Work

All work is to be carefully protected so that no injury will come to it from water, frost, accident, or any other cause and any injury which may come to any of the work shall be repaired immediately by the Contractor at his own expense and without additional cost to the City. This shall also apply to any abutting or adjoining work on premises. The Contractor shall be responsible for any damage and in the event of such damage, the Contractor shall repair the damage immediately at his own cost and without additional cost to the City.

E. Removal of Debris

Debris of any nature shall be completely removed from the site at the end of each days work and disposed of in accordance with all Federal, State and local regulations.

F. The Contractor is responsible for the security of all work until it is accepted by the City.

11.0 TEMPORARY UTILITIES

A. Prior to execution of the Work, the Contractor shall confer with a representative of the Public Building Department regarding the use of utilities and facilities at the worksite. No City utilities or facilities are to be used by the Contractor in the performance of this Contract without the prior approval of the City.

12.0 SUBMISSION OF PAYROLLS

A. The Contractor shall, with each invoice submitted during the term of this Contract, submit to the City two (2) legible copies of his payrolls documenting the wages paid to all employees performing on site labor relating to the work of this Contract. These copies shall be prepared on forms supplied by the City.

13.0 DRAWINGS (IF APPLICABLE)

- A. The drawings attached herein and such drawings as may be issued per addendum, shall constitute an integral part of this section and shall serve as the working drawings.
- B. Drawings shall not be scaled. Field verification is directed since actual locations, dimensions and levels are existing.
- C. All items not specifically mentioned in the specifications or noted on the drawings, but which are obviously necessary to make a complete working installation, shall be included.

14.0 MATERIALS

- A. Unless specifically so stated to the contrary the use of a manufacturer's name or style number is not restrictive, and is intended solely as an identification of the type and quality of the materials and services required. In all cases, the words "or approved equal" if not inserted are implied.
- B. An item equal to that named or described in the specifications may upon written approval of the City be furnished by the Contractor. An item shall be considered equal to the item so named or described if (1) it is at least equal in quality, durability, appearance, strength and design; (2) it will perform at least equally the function imposed by the general design for the public work being contracted for or the material being purchased; (3) it conforms substantially, even with deviations, to the detailed requirements for the item in the specifications.
- C. The name and identification of all materials other than the one specifically named shall be submitted to the City in writing for approval, prior to purchase, use or fabrication of such items. Approval shall be at the sole discretion of the City, shall be in writing to be effective, and the decision of the City shall be final. The City may require tests of all materials so submitted to establish quality standards at the Contractor's expense.
- D. For the use of material other than the one specified, the Contractor shall assume the cost of and responsibility for satisfactorily accomplishing all changes that may be required in the work as shown. All directions, specifications and recommendations by manufacturers for the installation, handling, storing, adjustment, and operation of their equipment shall be complied with and responsibility for proper performance shall continue to rest with the Contractor.
- E. The Contractor shall not have any right of appeal from the decision of the City condemning any materials furnished if the Contractor fails to obtain the approval for substitution in accordance with these provisions. If any substitution is more costly, the Contracotr shall pay for such costs

15.0 WARRANTY AND INDEMNIFICATION

- A. In addition to other guarantees or warranties required under law or other sections of the specification, the Contractor warrants all materials furnished and labor performed under this Contract to be free from defects or errors in workmanship or installation for a period of one year from the date of Completion of the work, as certified by the Project Manager. The Contractor shall indemnify the Authority for the full cost of any damage to the property that may result by reason of such defects or errors and shall indemnify the Authority from and against any and all claims, demands. losses, costs, expenses, liabilities and damages, including reasonable attorney's fees and expenses, arising out of or on account of this Contract, including but not limited to claims brought against the Authority for alleged infringement of patents based upon any methods of construction or application of materials furnished under the Contract.
- B. The Contractor shall indemnify, hold harmless and defend the City and its departments, officers, employees, servants, and agents from and against all actions, causes of actions, claims, demands, damages, costs, loss of services, expenses and compensation, including attorney's fees and interest arising out of or resulting directly or indirectly from the services rendered pursuant to this Contract, provided that any such action, cause of action, claim, demand, damage, cost, loss of service, expense, compensation (1) in any way grows out of bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, which (2) is caused in whole or in part by any act or omission of the Contractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

END OF SECTION



Joshua Morse Public Buildings Commissioner

SPECIFICATIONS FOR THE ON-CALL SERVICING, REPAIRING, INSTALLATION AND PREVENTATIVE MAINTENANCE OF:

AIR CONDITIONING EQUIPMENT, ELECTRICAL AND PNEUMATIC CONTROLS AND HEATING SYSTEM EQUIPMENT – FY15

THIS SERVICE CONTRACT IS SUBJECT TO THE MASSACHUSETTS PREVAILING WAGE LAW (MGL c 149, ss 26-27H) AND WAGES SHALL BE PAID IN ACCORDANCE WITH THE FOLLOWING WAGE CLASSIFICATIONS:

PIPEFITTER & STEAMFITTER PLUMBERS & GASFITTERS

IT IS THE INTENTION OF THE CITY OF NEWTON PUBLIC BUILDINGS DEPARTMENT TO AWARD TO TWO (2) CONTRACTORS FOR THIS WORK (SEE p. xx ABOVE).

PART I - GENERAL

1.01 DESCRIPTION

A. Work included:

Provide all the on-call labor, materials, equipment, transportation, and supervision necessary for the satisfactory servicing, repairing, installations and preventative maintenance of all Air Conditioning equipment, Heating Systems and Control Systems at City Hall, Schools and other City buildings, all as listed in these Specifications, as directed by the Public Buildings Department during the period of July 1, 2011 through June 30, 2012 with the option to extend for two (2) additional one year periods, with no change to the contract terms and conditions and price pending available funding.

These Specifications include, but are not limited to, the following types of equipment and controls in each facility, where applicable.

- 1. Refrigeration Cycle Equipment:
 - Compressors, motors, pumps, condensers, refrigerants, evaporators, valves, belts, gauges, linkages, piping, and fittings.
- 2. Air Handling Systems:
 - Exhaust fans, motors, bearings, belts, air handlers, dampers and filters.
- 3. Control Systems Electrical and Pneumatic:

Thermostats, air piping, relays, electric starters, switches, electric wiring, gauges, control valves, damper operators, air compressors, air dryers, and controllers.

4. Heating Systems - Water and Steam Piping, traps, pumps, motors, and valves.

B. Additional Work at the City's Sole Option (Preventative Maintenance)

This work is to be done at selected locations throughout the City, only if directed to do so by the Public Buildings

Department, in accordance with a schedule to be determined by the Public Buildings Department in consultation with this Contractor. The general order of work shall be determined by the condition of the various items of equipment, usage patterns of the City buildings for purposes of access to the items and seasonal considerations. It is anticipated that some of this work can be accomplished as "fill-in" work scheduled around other repair and servicing operations.

C. Existing Conditions

During the bidding period, the City of Newton shall make available, between the hours of 8:00 a.m. - 3:00 p.m., all facilities for all bidders to visit the facilities with designated City personnel. The City strongly encourages each bidder to visit each site; bidders will be responsible for all work under this Contract whether they visit the facilities or not.

D. The successful bidders shall be responsible to make repair to all equipment within the facilities shown in Section 1.0IE and other facilities as may be added during the course of this contract. Should a repair be requested the successful bidder cannot accomplish that, it will be the successful bidder's responsibility to coordinate with other contractors to have such repair done. The cost of such repair shall not exceed the rates as submitted on the bid form.

E. Location of Equipment

SCHOOL DEPARTMENT:

Angier School 1697 Beacon Street, Waban 02468 Bigelow Middle School 42 Vernon Street, Newton 02458

Bowen School 280 Cypress Street, Newton Centre 02459
Brown Middle School 125 Meadowbrook Road, Newton Centre 02459

Burr School 171 Pine Street, Auburndale 02466 Cabot School 229 Cabot Street, Newtonville 02460

Countryside School 191 Dedham Street, Newton Highlands 02461

Day Middle School

Ed Center

100 Walnut Street, Newtonville 02460

Franklin School

Lincoln-Eliot School

21 Minot Place, Newtonville 02460

100 Walnut Street, Newtonville 02460

125 Derby Street, West Newton 02465

191 Pearl Street, Newton 02458

687 Watertown Street, Newtonville 02460 Horace-Mann School Mason-Rice School 149 Pleasant Street, Newton Centre 02459 250 Brookline Street, Newton Centre 02459 Memorial-Spaulding School Newton North High School 457 Walnut Street, Newtonville 02460 Oak Hill Middle School 130 Wheeler Road, Newton Centre 02459 Peirce School 170 Temple Street, West Newton 02465 South High School 140 Brandeis Road, Newton Centre 02459 South High Auto Shop Brandeis Road, Newton Centre 02459 Underwood School 101 Vernon Street, Newton 02458 Ward School 10 Dolphin Road, Newton Centre 02459 Williams School 141 Grove Street, Auburndale 02466 Zervas School 30 Beethoven Avenue, Waban 02468

MUNICIPAL FACILITIES:

PUBLIC BUILDINGS DEPARTMENT:

Public Buildings Department 52 Elliot Street, Newton Highlands 02461

City Hall & War Memorial 1000 Commonwealth Ave. Newton Center 02459

Kennard Estate 246 Dudley Road, Newton Centre 02459

Public Bldgs. Dept. Annex R 525 Winchester Street, Newton Highlands 02461

PUBLIC WORKS DEPARTMENT:

Crafts Street Stable 92 Crafts Street, Newtonville 02460
Crafts Street Garage 110 Crafts Street, Newtonville 02460
Elliot Street Stable 70 Elliot Street, Newton Highlands 02461
Elliot Street Garage 80 Elliot Street, Newton Highlands 02461
Water/Sewer Facility 60 Elliot Street, Newton Highlands 02461

SURPLUS BUILDINGS:

Carr School (Cultural Center) 225 Nevada Street, Newton 02495

POLICE DEPARTMENT FACILITIES:

Police Headquarters 1317 Washington Street, West Newton 02465 Police Garage (rear) 1321 Washington Street, West Newton 02465 Police Annex 25 Chestnut Street, West Newton 02465

MISCELLANEOUS BUILDINGS:

Health Department 1294 Centre Street, Newton Centre 02459
Jackson Homestead 527 Washington Street, Newton 02458
Senior Citizen Center 345 Walnut Street, Newtonville 02460

FIRE DEPARTMENT FACILITIES:

Fire Alarm Headquarters 1164 Centre Street, Newton Centre 02459

Fire Station #1 241 Church Street, Newton 02458

Fire Station #2 1750 Commonwealth Avenue, West Newton 02465

Fire Station #3

31 Willow Street, Newton Centre 02459

Fire Station #4

195 Crafts Street, Newtonville 02460

Fire Station #7

144 Elliot Street, Newton Upper Falls 02464

Fire Station #10

755 Dedham Street, Newton Centre 02459

LIBRARY DEPARTMENT FACILITIES:

Main Library330 Homer Street, Newton Centre 02459Auburndale Library375 Auburn Street, Auburndale 02466Newton Corner Library124 Vernon Street, Newton 02458Nonantum Library114 Bridge Street, Newton 02495Waban Library1608 Beacon Street, Waban 02468

PARKS AND RECREATION DEPARTMENT:

Recreation Headquarters 70 Crescent Street, Auburndale 02466
Recreation Garage 70R Crescent Street, Auburndale 02466
Albemarle Field House 250 Albemarle Road, Newtonville 02460
Auburndale Field House W. Pine Street, Auburndale 02466
Bullough Pond Shelter Bullough Park, Newton Centre 02459

Burr Field House 142 Park Street, Newton 02458

Cabot Field House
101 East Side Parkway, Newtonville 02460
Crystal Lake Bath House
16 Rogers Street, Newton Highlands 02461
Gath Pool Facility
256 Albemarle Road, Newtonville 02460
Hawthorne Playground
17 Hawthorne Street, Newton 02495
Nahanton Field House
Nahanton Street, Newton Highlands 02461
Newton Highlands
10 Winchester Street, Newton Highlands 02461
Newton Centre Hut
81 Tyler Terrace, Newton Centre 02459

(Additional locations may be added to this list of locations, should those locations become the property of the City of Newton.)

1.02 QUALITY ASSURANCE

A. Qualifications of Workmen:

- This Contract will be awarded to TWO contractors whose primary business is heating, ventilation and air conditioning mechanical system maintenance, repair, and service of equipment of the magnitude as covered under this Contract, and who has employees regularly under his employ who perform all required mechanical/electrical maintenance service and repair functions as required.
- 2) The Contractors shall have been in the HVAC Mechanical Maintenance service and repair business for at least five (5) years, and must have at least three (3) similar customers who can be used as references **and submitted at the time of the bid**
- 3) The Contractors shall assign a minimum of SEVEN (7) Full Time personnel to the City to ensure all requests for service are responded to within the required time parameters.
- 4) The service personnel assigned to maintain the included mechanical systems will be qualified to service the equipment type under contract as well as all associated pneumatic, electric, electronic and direct digital controls. Each service person assigned to this contract and working for the City of Newton shall have the requisite trade licenses issued by the State of Massachusetts.

B. Rejection:

In the acceptance or rejection of heating, ventilation and air conditioning mechanical system maintenance, repair, and service operations and results, no allowance will be made for lack of skill on the part of workmen.

C. Codes and Standards:

Comply with all applicable codes, standards and regulations.

The Contractor shall acquire and maintain all service manuals for the various pieces of equipment covered under this Contract.

1.03 SAFETY

Take the necessary precautions for the safety of employees on the work, and comply with applicable OSHA provisions to prevent accidents or injury to persons on, about or adjacent to the premises where the work is being performed.

1.04 SUBMITTALS

No initial submittals required.

Submit two copies of maintenance and operation manuals for any new equipment installed; Deliver one to location of equipment and one to Public Buildings Department.

See 1.07 B below.

1.05 PRODUCT HANDLING

A. Protection:

Use appropriate means necessary to protect materials before, during and after installation and to protect adjacent existing surfaces.

B. Replacements:

In the event of damage to City property, immediately make repairs and replacements necessary to the approval of the Public Buildings Department and at no additional cost to the City.

1.06 JOB CONDITIONS

A. Scheduling:

The Contractor shall provide the phone number of a dispatcher, regularly employed by him; This number shall be <u>manned twenty-four hours a day, seven days per week;</u> recorded message taking devices are not acceptable.

After receiving a service call from the Public Buildings Department, commence work within the following time limits:

- 1. Emergency work requests must start within 1 (one) hour.
- 2. All other work requests must start within one (1) workday unless extended by Public Buildings Department.

Before commencing work, contact the Public Buildings Department (phone 617-796-1600) and/or the Building Custodian to determine the exact location and extent of the required work.

The Building Custodian will provide access and electrical outlets to all areas where the servicing is required.

B. Notification:

Within twenty-four (24) hours after services have been completed, notify the Public Buildings Department via telephone, (617)796-1600) or via e-mail, (**public buildings@newtonma.gov**), that the work has been completed.

C. Work Results Required:

All service call problems shall be eliminated on the first call; first call-back for the same problem Will be paid for at 50 % of the Contract service rate; second call-back for the same problem will be paid for at 25% and any subsequent call-backs will not be paid for by the City of Newton.

1.07 PROCEDURES

A. Work Order:

The Contractor shall have with him, on each service call, a Work Order listing:

1. For repairs - the type and quantity of material used and the time consumed for that call;

This work order must be signed by the Custodian or Public Buildings Department representative as evidence of the number of hours on the job.

A copy of the signed order shall be attached to its appropriate invoice.

The Contractor can use his own Work Order Form or one supplied by the City. A sample of the City's form is included at the end of this Specification.

B. Invoicing:

Invoices, one for each building, will be mailed in triplicate by Wednesday of each week for the work performed during the previous week. The invoice shall have a copy of the work order form, signed by the Custodian or Public Buildings Department representative, as well as a copy of the School dude work order form. The School dude work order forms for the previous week shall be provided to the Contractor by the Public Buildings Department on Mondays. The invoices shall be mailed to:

Public Buildings Department

52 Elliot Street Newton Highlands, MA 02461

Failure to invoice within the above mentioned period shall be grounds for termination. Each invoice must reflect the Building Work Order Number assigned to that service call. The Number consists of 5 digits, (e.g. 11310 etc.)

Each invoice will be based on time and materials, labor costs will be reflected separately and will be billed in accordance with the applicable contract hourly rates. Material used will be reflected on the invoice by quantity and unit costs including applicable surcharge. Each invoice shall have a complete break-out of labor, materials and any other miscellaneous charges. Bill labor charges on the <u>actual</u> time used to perform the required Work. Labor charges shall <u>not</u> be billed on a portal to portal basis. All charges for mileage, tolls, etc. shall be included within the hourly rate as submitted on the bid form. In addition, each invoice shall be supplemented with a written service report (in triplicate) reflecting:

- 1. Location and date
- 2. Time of start and finish of work
- 3. Number of workmen
- 4. Brief description of work performed
- 5. Name and number of parts replaced, with a statement if rebuilt or new parts or components were used.
- 6. Recommendation or comments pertaining to the repair work

C. Materials:

All removed parts and components shall be replaced by new parts. Used materials without trade-in allowance to the City of Newton must be left at the building with the Custodian in charge; used materials with trade-in allowance shall be returned to the vendor and credit shown on the invoice.

D. Meetings and Estimates

The Contractor shall agree to meet with the Public Buildings Department, when requested, for the discussion and review of various problems encountered, and to provide a written status report at each meeting.

The Contractor shall, at the request of the City, investigate and offer estimates and quotations of work to be done, at no cost to the City.

1.08 CONTRACT RATES

A. Repairs, Standard Rate:

The Standard Rate shall apply to any repair that does not meet the criteria for Premium Rate.

The Contractor shall perform routine repairs as directed by the City during the term of this contract. The Contractor shall be compensated for such repairs at the Standard Rate shown on the bid form. Materials used during routine repairs will be reimbursed at Contractor's cost plus 10%.

B. Repairs, Premium Rate:

The Premium Rate shall apply to any repair, which the City requests the Contractor to commence between 5:00 p.m. and 8:00 a.m. Monday through Friday, and anytime on Saturday, Sunday or a legal holiday.

The Contractor shall be compensated for Premium Rate repairs at the Premium Rate shown on the bid form. Materials used during Premium Rate repairs will be reimbursed at Contractor's cost plus 10%.

Under no circumstances shall any work performed by the Contractor be compensated at the Premium Rate unless the City has given prior authorization to treat the work as a Premium Rate repair.

PART 2 - PRODUCTS

2.01 REPAIR AND REPLACEMENT MATERIALS

All repair and replacement materials used shall be first quality with preference given to replacement parts as manufactured by the original equipment manufacturer (OEM); use these parts whenever available and always when a manufacturer's warranty still in effect would otherwise be voided.

In the event new major parts or components costing over three hundred and fifty dollars (\$350.00) should be required, the Contractor shall advise the Facilities and Operators Supervisor in writing and obtain the Facilities Manager's approval prior to performing said Work. In an emergency situation, the Facilities Manager's approval may be obtained by telephone (617-796 -1600).

The City reserves the right to purchase items costing over fifteen-hundred dollars (\$1,500.00) direct if it be in its interest to do so.

PART 3 - EXECUTION

3.01 REPAIR AND REPLACEMENT

A. Repair

Examine the unit for causes, which may have led to the failure; repair not only the failed portion, but also rehabilitate any other elements which appear to be in need of preventative maintenance.

Comply firstly with the servicing techniques required and/or recommended by the manufacturer of the item and secondly with generally accepted repair practices for the class of items to which the unit belongs.

In particular, for any item still believed to be under warranty, conform exactly to manufacturer's requirements; advise the City of any recourse it may have with the original equipment manufacturer.

As a part of repair, check all field-adjustable settings and field-measurable tolerances. Reset these to original factory compliance; advise the City of any such settings/tolerances that cannot be repaired or for which the cost of repairs suggests that a replacement unit be considered.

B. Replacement:

Notify Public Buildings Department immediately upon initial examination of any unit that cannot be repaired or for which the cost of repairs suggests that a replacement unit be considered.

Furnish only either the duplicate item from the original manufacturer or a first-quality similar item from an established manufacturer who maintains a dealer/service network of support in the Greater Boston area.

Replacement units must be either an exact physical and functional equal or have only acceptable differences from the original – coordinate with Public Buildings Department Facilities Manager in this case before providing the replacement unit.

C. Guarantee

All labor, materials and replacement furnished under the contract shall be fully guaranteed, including the cost of removal and reinstallation (if part of the original work order) for one (1) year. In the event of failure, provide warranty service immediately upon notification.

3.02 PREVENTATIVE MAINTENANCE

Provide all the labor, materials, equipment, transportation, and supervision necessary for the preventative maintenance of all air conditioning equipment, heating equipment and control systems at City Hall, Schools and other buildings including but not limited to the following types of equipment and controls:

CONDENSING UNITS -AIR COOLED

Services Performed

Preseason Inspection

- 1. Review manufacturer's recommendation for start-up.
- 2. Test motor.
- 3. Energize crankcase heater per manufacturer's recommendations.

- 4. Remove all debris from within and around the unit.
- 5. Inspect electrical connections, contractors, relays, operating and safety controls. Replace defective components.
- 6. Check compressor oils level. Acid test oil.
- 7. Change oil and refrigerant filter dryer as required.

Seasonal Start-up

- 1. Inspect system with leak detector.
- 2. Check belts, pulleys and mounts. Adjust and/or replace as required.
- 3. Lubricate fan and motor bearings per manufacturer's recommendations.
- 4. Check motor operating conditions.
- Check fan blades.
- 6. Check and clean coil and straighten fins if required.
- 7. Check vibration eliminators.
- 8. Check and test all operating and safety controls.
- 9. Check operating conditions. Adjust as required.
- 10. Add refrigerant if required.
- 11. Log all operating data.

Mid-season Inspection

- 1. Lubricate motor and fan bearings per manufacturer's recommendations.
- 2. Check belts, pulleys and mounts. Adjust and/or replace as required.
- 3. Check operating conditions. Adjust as required.
- 4. Add refrigerant if required.
- 5. Log all operating data.

Seasonal Shut-down

- 1. Shut down as per applicable procedure
- 2. Acid test oil sample.
- 3. Note repairs required prior to start-up.

EXHAUST FANS

Services Performed

Annual Inspection

- 1. Inspect belts and adjust as required.
- 2. Lubricate motor and bearings as required.
- 3. Inspect starter and disconnect switch.

Temperature Control Systems

Services Performed

- Regularly and systematically examine, adjust, calibrate, and clean all thermostats, humidity controls, relays, motors and accessories directly pertaining to the control system(s).
- 2 Regularly and systematically furnish lubricants and lubricate such components as air compressors, valve packing glands, damper bearings, linkages and switches directly pertaining to the control system.
- 3 Replace valve-packing materials of control valves as often as may be necessary in order to maintain the valves without leaking.
- 4 When in our judgement conditions warrant, we will repair or replace worn parts or complete controls with new part or reconditioned controls.

AIR COMPRESSOR

Services Performed

1. Test the pressure gauge(s) and cutout and cut—in pressure. Use test gauge to test accuracy of gauge on machine.

- 2. Check safety valve.
- 3. On two-stage compressor(s), check intermediate pressure.
- Listen for knocks, and inspect for mechanical failures. 4.
- 5. Test compression, correct or repair as necessary.
- 6. On water-cooled compressor(s) check for incrustation or excessive corrosion.
- 7. Clean moisture traps in system.
- 8. Change oil in crankcase.
- 9. Check controls, belts, pulleys, alignment, etc.
- 10. Check air-cooled heat—exchanger.
- 11. Check motor, bearings, starting switches, controller, pressure switches, etc.
- 12. Clean equipment, touch up or repaint as required.
- 13. Comply with lubrication schedule.

Air Dryers

Services Performed

- 1. Remove panels.
- 2. Clean condenser cooling-coil fins and fan blade.
- 3. Remove dirt or dust from all interior parts.
- 4. Lubricate motor and fan bearings.
- 5. Check for refrigerant leaks.
- 6. Clean drain traps.
- 7. Start unit and observe operation.
- 8. Check frame of unit with ohmmeter for proper electric ground.
- 9. Replace panels.

Air Handling Units

Services Performed

1. Fans:

- A. Clean buildup, dust, and dirt from fan blades.
- B. Clean inside of fan housing and casing, noting structural irregularities, condition of insulation, loose bolts, and foundation and vibration isolation.
- 2. **Bearings:** (with pillar blocks, sleeve or ball bearings)
 - Lubricate bearings, change oil, and perform pressure lubrication according to manufacturer's instructions. Take care not to over-lubricate.
 - B. Remove top housing and examine retainers and slings.

3. Drivers: (belt and direct)

- Inspect for excessive belt wear indicating misalignment, overloading, or improper belt tension.
- B. If belts are worn they should be replaced to prevent untimely breakdown. (Multi-belt drives should be replaced in matched sets.) Adjust belt tension with a scale and straight edge.
- C. Check rigid couplings for alignment on direct drives, and for tightness of assembly.
- D. Inspect flexible couplings for alignment and wear.

4. Coils:

- Examine coils for leakage at joints and bends. A.
- Clean coil exterior by brushing, vacuuming, blowing, or chemical cleaning. В.
- B. Humidifier or wet coils (city water, spray, steam pan grids, etc.) will require additional attention to avoid scaling and odors.

5. **Freeze Protection:**

- A. Check pitch of coil to drainage point and blow down with compressed air.
- B. Inspect test controls and devices used for freeze protection.
- C. Clean face & bypass dampers and lubricate damper operators.

Controls: 6.

- Inspect and clean dampers, control linkage and control motors. A.
- B. Lubricate as necessary.

C.

Coils, Preheat. Reheat (This applies to coils that are not part of an air

washer or air handling unit, but are remotely located from such units.)

Services Performed

- 1. Vacuum or blow out the fins, coils, etc.
- 2. Remove obstructions to airflow.
- 3. Check coils, correct or report any leaks.
- 4. Test and inspect controls that protect against freezing.

Fans, Propeller

Services Performed

- 1. Clean unit, especially fan blades.
- 2. Inspect pulleys, belts, couplings, etc.; adjust tension and tighten mountings as necessary. change badly worn belts.
- 3. Perform required lubrication.
- 4. Clean motor with vacuum or low-pressure air (less than 40 psi). check for obstructions in motor cooling and air flow.
- 5. Touch up paint for preservation.
- 6. Remove tags, start unit and check for vibration and noise

FAN COIL UNITS

Services Performed

Annual Inspection

- 1. Inspect motor and lubricate.
- 2. Lubricate fan bearings.
- 3. Inspect coil(s) for leaks.
- 4. Test operation of unit controls.

Motors

Application:

This guide is for squirrel-cage, wound-rotor and synchronous motors 5 horsepower and above. The maintenance specified by this guide is not intended to require disassembly of the motor.

Services Performed

- 1. Clean motor with a clean rag or vacuum. clean areas otherwise inaccessible by blowing with <u>clean dry</u> air using not more than 40 pounds per square inch pressure. Clean surfaces and ventilation passages thoroughly.
- 2. Visually inspect winding for cleanliness. Look for coating of oil or grease.
- 3. Check air gap uniformity.
- 4. Inspect squirrel-cage rotors for broken or loose bars and evidence of local heating.
- 5. On wound-rotor and synchronous motors thoroughly clean the collector rings and/or commutators. Inspect them for roughness and eccentricity. Examine brushes for fit, free play, chipped toes or heels, heat cracks, wear and contact pressure.
- 6. Perform lubrication according to manufacturer's instruct ions.
- 7. Inspect for moisture and protection from water.
- 8. If motor has not been operated for an extended period, check insulation resistance with a megger. If insulation resistance has dropped the windings should be dried out before the motor is started.
- 9. Check motor mountings, supports and couplings for tightness or other defects.
- 10. Remove tags, and return unit to service.

Boilers, Cast Iron and Steel

Services Performed

- 1. General:
 - a. Review manufacturer's instructions.
 - b. Blow down boiler heavily before removing "from the line".
 - c. Remove fly ash and soot from flue passages.
 - d. Gag safety valves.
 - e. Check fire sides, valves, and trim and mark position of leaks.

2. Water sides:

- a. Remove hand hold and manhole plates.
- b. Clean interior of boiler, wash down shell and drums to remove mud, loose scale, and deposits.
- c. Check tube ends for leakage and corrosion.
- d. Examine complete waterside for extent of corrosion, and feed connections, gauge glass, and steam pressure gauge outlets.
- e. Clean gauge glass and siphon loops to limit controls.
- f. See that pet cocks and try cocks open freely.

3. Exterior and fire sides

- Examine and clean water column and feed water regulators, high and low side alarms, drains, gauge glasses, siphon loops, pet and try cocks.
- Look for signs of overheating, leakage, wear, abrasion, corrosion of pressure parts, or erosion of metal b.
- Check tubes for evidence of blisters and pock marks. c.
- d. Test all non-return and stop valves, clean and replace as necessary.
- Check fusible plugs, if used, replace yearly. e.
- f. Check and clean bonnets, flues, uptakes, for defective metal. Replace if necessary.
- Check exterior structure for strains and tension. g.
- Check condition of door gaskets. h.

Burner, Gas

Services Performed

- Check boiler room for adequate ventilation in accordance with burner requirements. 1
- 2. Check operation of all gas controls and valves including: Manual gas shutoff; petal gas regulator; safety shutoff valve (solenoid); automatic gas valve/petal solenoid valve, butterfly gas valve, motor, and linkage to air louver; safety petal solenoid (if used).
- Check flue connections for tight joints and minimum resistance to air flow, see that combustion chamber, flues, 3. breaching, and chimney are clear before firing.
- Draft regulators should give slightly negative pressure in the combustion chamber at maximum input. 4
- 5. On forced draft burners, gas manifold pressure requirements should correspond with modulating (butterfly) valve in full open position and stable at all other firing rates.
- Take c02 flue gas temperature readings for determination of efficiency of the unit. c02 for atmospheric gas burners 6. should be 8 to 9.5%. For forced draft burners 9 to 10%, flue gas temperature should be at 300 to 600 f. Combustion efficiency should be approximately 80%. If efficiency is low, check baffling.
- 7. Check burner for flashback and tight shutoff of fuel.
- 8. Check operation of controls. Clean and adjust as necessary.
- Satisfactory operation and adjustments should conform with manufacturer's instructions.

Burner, Oil and Hot Air Furnace

Services Performed

- Test and inspect burner (with or without firing) at rated pressure for leaks. 1.
- Timed trial for ignition for pilots and burners should be in accordance with manufacturer's instructions. 2.
- 3. Check operation of automatic safety controls and combustion flame safeguards for abnormal discharge of oil on ignition failure and sensors for presence of flame.
- 4. Check pre-ignition purging capability of burner, combustion chamber, boiler passes, and breeching. Stack dampers should be fully open during purge and light off period.
- 5. Check delivery of fuel in relation to its response to the ignition system.
- Ignition transformer to supply dependable arc, adjust and regulate as required for clearance and air gap. 6.
- Clean and adjust draft regulation and air shutter on natural draft burner to ensure access air quantities are minimum 7. for complete combustion.
- 8. On mechanical draft burners clean and check power driven fan blower.
- Check and clean filters, water separators, primary and secondary strainers. 9.
- 10. Clean, check operation, and adjust controls and safeties.
- Check constant level device to see that burner maintains proper oil level (within 1/3") at rated output. 11.
- Check to ensure that energy cannot feed back and energize ignition devices or feed valves after a control shuts off 12.
- 13. Clean or replace nozzles or cups, and check for tight shut off of fuel.
- Check stacks for smoke or haze and adjust burner accordingly. 14.

Hot Water Heaters and Converters

Application: This guide does not apply to boilers that generate steam for domestic water.

Services Performed

- 1. With system in operation determine if steam and water leaks exist (interior and exterior).
- 2. Drain and flush tanks (storage and expansion).
- 3. Remove rust, scale and note rate of corrosion.
- 4. Apply coating, paint or touch up as required.
- 5. Remove coil or elements, clean and examine condition.
- 6. Clean and adjust as required: thermometers, aquastats, pressure reducing and relief valves and gauges, temperature relief and steam regulating control valves.
- 7. Check operation and condition of all traps, clean pump, blow out dirt from motor, check controls, switches, starters. check condition of packing or seal and replace as required.

Tanks, Water (all types)

Services Performed

- 1. Examine exterior of tank including fittings, manholes, and handholes for leaks, signs of corrosion, and correct as indicated.
- 2. Drain and flush tank.
- 3. Inspect structural supports and repair or replace damaged insulation or covering.
- 4. Clean, test and inspect sight glasses, valves, fittings, drains and controls.
- 5. Touch up or repaint exterior of covering as required. Fill and return to service.

Pump Centrifugal (NOT INTEGRAL WITH MOTOR)

Services Performed

- 1. While pump is in operation, note performance, stuffing box operation, pressure gauge, flow indicators.
- 2. Shut down, drain pump housing, note if suction and discharge valves are holding.
- 3. Remove gland.
- 4. examine shaft sleeve for wear, replace as necessary.
- 5. Adjust gland evenly, finger tight.
- 6. On pumps with oil ring lubrication, drain oil, flush, then fill to proper oil level with new oil.
- 7. Perform lubrication in accordance with manufacturer's instructions.
- 8. Clean strainers.
- 9. Put pump into operation, stop and start pump, noting undue vibration noise, pressure and action of check valve.
- 10. If test is satisfactory, start pump again, and adjust to slight leakage through gland.
- 11. When pump reaches normal operating temperatures, check alignment between pump and drive.

Refrigeration Machine (Centrifugal & Reciprocating)

Services Performed

1. <u>Compressor</u>:

- a. Drain, flush and change oil in reservoirs including filters, strainers and traps. Do not change oil in reciprocating machines unless contaminated.
- b. Clean and inspect main, auxiliary oil pumps, including packing, seals, alignment, pulleys, belts and couplings.
- c. Check speed increaser, drain oil from gear box; flush and inspect gears for indication of wear, pitting and misalignment.
- d. Remove head from oil coolers; inspect and clean tubes. change oil filters.
- e. Refill oil sump.
- f. Remove access caps to compressor internals and clean where possible.
- g. Clean and adjust pilot positioner for guide vanes.
- h. Examine bearing for clearances and wear.
- i. Clean and lubricate coupling.
- j. Check hot and cold alignment between drive and driven compressor.
- k. Check all relief valve rupture discs.
- 1. Test entire system for refrigerant leaks.
- m. Calibrate and adjust all gauges and instruments.

- n. Check safety controls for setting operation, tighten electrical connections and clean where indicated.
- o Review manufacturer's literature for further details on service required on compressor.
- p. Perform maintenance on purge unit in accordance with manufacturer's instructions.
- q. Leave equipment and area clean and free of debris.

2. Water Cooled Condensers:

- a. Review log and note condenser performance by inlet and outlet temperatures, head pressure and temperature of refrigerant.
- b. Remove condenser heads.
- c. Remove mud, debris, scale and other sediment collected during operation.
- d. Clean water boxes and tube sheets. scrape and paint with epoxy.
- e. Clean tubes with nylon brush or other similar material and inspect for signs of corrosion.
- f. Blow trapped water from tubes after cleaning if unit is exposed to freezing temperature
- g. Replace heads installing new gaskets.
- h. Chemically test scale if necessary.
- i. If condenser is chemically cleaned neutralize after cleaning.

Air Conditioning Machine Package Unit

Services Performed prior to cooling season

- 1. Remove panels, clean entire unit.
- 2. Clean drip pan and drains. Paint as necessary.
- 3. Check bolts, nuts, electrical connections, anchors, etc.
- 4. Drain condenser, clean chemically, and neutralize. Clean and paint condenser heads, if needed.
- 5. Adjust or replace vibration eliminators.
- 6. Observe belt wear. Replace worn belts and/or adjust belt tension.
- 7. Check alignment of motor, fan, etc.
- 8. Replace filter, if required.
- 9. Check for refrigerant leaks.
- 10. Check oil level.
- 11. Check fan, motor and motor controls.
- 12. Clean fan blades, or rotor, and lubricate bearings.
- 13. Run machine and check operation, water supply, and control valves, suction and discharge pressures, need for refrigerant, recheck for leaks, functioning of controls, temperature of discharge, air, etc.
- 14. Restore panels and clean up area and machine.

Valves, Regulating

APPLICATION: Single or double seated; Diaphram or spring loaded, pilot operated valves.

Services Performed

- 1. Clean strainer
- 2. Check valve head and seats for wear and or cuts
- 3. Replace valve if seats need regrinding
- 4. Examine steam quality for foreign matter if valves are damaged
- 5. Examine pilot lines for dirt
- 6. Check steam gauges
- 7. Check diaphragms for failures
- 8. Check binding valve stem
- 9. Adjust weighted lever or spring control tension

VALVES. MOTOR OPERATED

Services Performed

- 1. Clean unit and make visual examination of all parts.
- 2. Operate from limit to limit. Observe operation, look for binding, sluggishness, action of limits etc.
- 3. Determine if valve seats and holds properly
- 4. Apply graphite to moving parts of valve
- 5. Lubricate motor and gear box as necessary
- **6.** Inspect contacts, brushes, motor, control, switches, etc. clean and adjust

END OF SPECIFICATION

CITY OF NEWTON

WAGE RATE REQUIREMENTS

1. GENERAL

- A. This section summarizes the requirements for the payment of wages to laborers and mechanics employed under the Contract.
- **B**. Other duties and requirements of law which may not be specified in this section apply and are inherently a part of the Contract.

2. WAGE RATES

- A. The rate per hour to be paid to mechanics, apprentices, teamsters, chauffeurs, and laborers employed on the Work shall not be less than the rate of wages in the attached "Minimum Wage Rates" as determined by the Commissioner of Labor and Industries. This schedule shall continue to be the minimum rate of wages for said employees during the life of this Contract.
- **B.** Keep posted on the site a legible copy of said schedule. Keep on file the wage rates and classifications of labor employed on this Work in order that they may be available for inspection by the Owner, Administrator, or the Architect.
- **C.** Apprentices employed pursuant to this determination of wage rates must be registered and approved by the State Apprenticeship Council wherever rates for journeymen or apprentices are not listed.
- **D.** Pay reserve police officers employed on the Work the prevailing rate of wages paid to regular police officers as required by M.G.L. c149, Sec. 34B, as amended. Such police officers shall be covered by Workmen's Compensation Insurance and Employers Liability Insurance by the Contractor.
- E. The Contractor and all subcontractors shall, on a weekly basis throughout the term of the contract, provide to the City of Newton certified payroll affidavits verifying compliance with M.G.L. c.149, Sec. 27, 27A and 27B. The Contractor is obiligated to provide such records to the City directly on a weekly basis. The City may assess a penalty of \$100 for each day beyond the required submission date that such records are received, which amount shall be deducted from any amounts to the Contractor from the City. In the event of chronic late submissions, the City shall report the same to the Office of the Attorney General.
- **F.** The Contractor and all subcontractors shall provide a Statement of Compliance within 15 days of the completion of its portion of the work. This statement shall be submitted to the Owner on the form found elsewhere in this section.
- **G.** The Contractor shall maintain accurate and complete records, including payroll records, during the Contract term and for three years thereafter.

END OF SECTION



THE COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the Massachusetts General Laws, Chapter 149, Sections 26 to 27H RACHEL KAPRIELIAN HEATHER E. ROWE

Awarding Authority:

City of Newton

Contract Number:

City/Town: NEWTON

Description of Work:

Annual Servicing, Repairing, Installation and Preventative Work of Air Conditioning Equipment, Electrical and

Pneumatic Controls and Heating Equipment Service Contract

Job Location:

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the "Wage Request Number" on all pages of this schedule.
- Awarding authorities must request an updated wage schedule from the Department of Labor Standards ("DLS") if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. Once a contractor has been selected by the awarding authority, the wage schedule shall be made a part of the contract for that project. The wage schedule must be posted in a conspicuous place at the work site during the life of the project in accordance with M.G.L. c. 149, § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project regardless of whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- All apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Training (DAT). Apprentices must keep his/her apprentice identification card on his/her person during all work hours on the project. If an apprentice rate is listed on the prevailing wage schedule for the trade in which an apprentice is registered with the DAT, the apprentice may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. If an apprentice rate is not listed on the prevailing wage schedule for the trade in which an apprentice is registered with the DAT, the apprentice must be paid the journeyworker's rate for the trade.
- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F "rental of equipment" contracts.
- Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports directly to the awarding authority and keep them on file for three years. Each weekly payroll report must contain: the employee's name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at http://www.mass.gov/dols/pw.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may report the violation to the Fair Labor Division of the office of the Attorney General at (617) 727-3465.
- Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal

Wage Request Number: 20140305-032 Issue Date:

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2013	. \$32.05	\$9.41	\$8.80	\$0.00	\$50.26
	06/01/2014	\$32.40	\$9.41	\$8.80	\$0.00	\$50.61
	08/01/2014	\$32.40	\$9.91	\$8.80	\$0.00	\$51.11
	12/01/2014	\$32.40	\$9.91	\$9.33	\$0.00	\$51.64
	06/01/2015	\$32.75	\$9.91	\$9,33	\$0.00	\$51.99
	08/01/2015	\$32.75	\$10.41	\$9.33	\$0.00	\$52.49
	12/01/2015	\$32.75	\$10.41	\$10.08	\$0.00	\$53.24
•	06/01/2016	\$33.25	\$10.41	\$10.08	\$0.00	\$53.74
•	08/01/2016	\$33.25	\$10.91	\$10.08	\$0.00	\$54.24
	. 12/01/2016	\$33.25	\$10.91	\$10.89	\$0.00	\$55.05
3 AXLE) DRIVER - EQUIPMENT	12/01/2013	\$32.12	\$9.41	\$8.80	\$0.00	\$50.33
EAMSTERS JOINT COUNCIL NO. 10 ZONE A	06/01/2014	\$32.47	\$9.41	\$8.80	\$0.00	\$50.68
	08/01/2014	\$32.47	\$9.91	\$8.80	\$0.00	\$51.18
	12/01/2014	\$32.47	\$9.91	\$9.33	\$0.00	\$51.71
	06/01/2015	\$32.82	\$9.91	\$9.33	\$0.00	\$52.06
	08/01/2015	.\$32.82	\$10.41	\$9.33	\$0.00	\$52.56
	12/01/2015	\$32.82	\$10.41	\$10.08	\$0.00	\$53.31
·.	06/01/2016	\$33.32	\$10.41	\$10.08	\$0.00	\$53.81
	08/01/2016	\$33.32	\$10.91	\$10.08	\$0.00	\$54.31
	12/01/2016	\$33.32	\$10.91	\$10.89	\$0.00	\$55.12
4 & 5 AXLE) DRIVER - EQUIPMENT	12/01/2013	\$32.24	\$9.41	\$8.80	\$0.00	\$50.45
EAMSTERS JOINT COUNCIL NO. 10 ZONE A	06/01/2014	\$32.59	\$9.41	\$8.80	\$0.00	\$50.80
	08/01/2014	\$32.59	\$9.91	\$8.80	\$0.00	\$51.30
•	12/01/2014	\$32.59	\$9.91	\$9.33	\$0.00	\$51.83
•	06/01/2015	\$32.94	\$9.91	\$9.33	\$0.00	\$52.18
	08/01/2015	\$32.94	\$10.41	\$9.33	\$0.00	\$52.68
	12/01/2015	\$32.94	\$10.41	\$10.08	\$0.00	\$53.43
	06/01/2016	\$33.44	\$10.41	\$10.08	\$0.00	\$53.93
	08/01/2016	\$33.44	\$10.91	\$10.08	\$0.00	\$54.43
	12/01/2016	\$33,44	\$10.91	\$10.89	\$0.00	\$55.24
ADS/SUBMERSIBLE PILOT	08/01/2013	\$84.21	\$9.80	\$18.17	\$0.00	\$112.18
ILE DRIVER LOCAL 56 (ZONE 1)	08/01/2014	\$87.36	\$9.80	\$18.17	\$0.00	\$115.33
	08/01/2015	\$90.51	\$9.80	\$18.17	\$0.00	\$118.48
AIR TRACK OPERATOR	12/01/2013	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
ABORERS - ZONE 1	06/01/2014	\$34,85	\$7.30	\$12.70	\$0.00	\$54.85
	12/01/2014	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
	06/01/2015	\$35.00 \$36.35	\$7.30	\$12.70	\$0.00	\$56.35
· · · · · · · · · · · · · · · · · · ·	12/01/2015	\$37.10	\$7.30 \$7.30	\$12.70	\$0.00	\$50.35 \$57.10
•	06/01/2016		\$7.30	\$12.70	\$0.00	
		\$37.85		\$12.70	\$0.00	\$57.85
For apprentice rates see "Apprentice- LABORER"	12/01/2016	\$38.85	\$7.30	\$12.7U	\$0.00	\$58.85

 Issue Date:
 03/05/2014
 Wage Request Number:
 20140305-032
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rat
ASBESTOS REMOVER - PIPE / MECH. EQUIPT.	12/01/2013	\$30.68	\$10.40	\$5.95	\$0.00	\$47.03
HEAT & FROST INSULATORS LOCAL 6 (BOSTON)	06/01/2014	\$31.58	\$10.40	\$5.95	\$0.00	\$47.93
	12/01/2014	\$32.48	\$10.40	\$5.95	\$0.00	\$48.83
	06/01/2015	\$33.43	\$10.40	\$5.95	\$0.00	\$49.78
	12/01/2015	\$34.38	\$10.40	\$5.95	- \$0.00	\$50.73
ASPHALT RAKER	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
LABORERS - ZONE 1	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
To the state of th	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
For apprentice rates see "Apprentice-LABORER" ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BARCO-TYPE JUMPING TAMPER	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
LABORERS - ZONE 1	06/01/2014	\$34.35	\$7:30	\$12.70	\$0.00	\$54.35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
•	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER	12/01/2013	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
LABORERS - ZONE 1	06/01/2014	\$34.85	\$7.30	\$12.70	\$0.00	\$54.85
	12/01/2014	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
	06/01/2015	\$36.35	\$7.30	\$12.70	\$0.00	\$56.35
	12/01/2015	\$37.10	\$7.30	\$12.70	\$0.00	\$57.10
	06/01/2016	\$37.85	\$7.30	\$12.70	\$0.00	\$57.85
	12/01/2016	\$38.85	\$7.30	\$12.70	\$0.00	\$58.85
For apprentice rates see "Apprentice- LABORER"						
BOILER MAKER BOILERMAKERS LOCAL 29	01/01/2010	\$37.70	\$6.97	\$11.18	\$0.00	\$55.85

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Effective Date Base Wage Health

Classification

Supplemental

Pension

Total Rate

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY	02/01/2014	\$48.06	\$10.18	\$18.15	\$0.00	\$76.39
WATERPROOFING) BRICKLAYERS LOCAL 3 (NEWTON)	08/01/2014	\$48.96	\$10.18	\$18.22	\$0.00	\$77.36
	02/01/2015	\$49.52	\$10.18	\$18.22	\$0.00	\$77.92
	08/01/2015	\$50.42	\$10.18	\$18.29	\$0.00	\$78.89
	02/01/2016	\$50.99	\$10.18	\$18.29	\$0.00	\$79.46
	08/01/2016	\$51.89	\$10.18	\$18.37	\$0.00	\$80.44
	02/01/2017	\$52.46	\$10.18	\$18.37	\$0.00	\$81.01

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Issue Date: 03/05/2014 Wage Request Number: 20140305-032 Page 5 of 40

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CAISSON & UNDERPINNING TOP MAN	12/01/2013	\$33.30	\$7.30	\$12.90	\$0.00	\$53.50
LABORERS - FOUNDATION AND MARINE	06/01/2014	\$34.05	\$7.30	\$12.90	\$0.00	\$54.25
	12/01/2014	\$34.80	\$7.30	\$12.90	\$0.00	\$55.00
	06/01/2015	\$35.55	\$7.30	\$12.90	\$0.00	\$55.75
	12/01/2015	\$36.30	\$7.30	\$12.90	\$0.00	\$56.50
	06/01/2016	\$37.05	\$7.3Ò	\$12.90	\$0.00	\$57.25
	12/01/2016	\$38.05	\$7.30	\$12.90	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
LABORERS - ZONE 1	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
	(2/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
•	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
·	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	^`\$58.35
For apprentice rates see "Apprentice-LABORER"						
CARPENTER	03/01/2014	\$34.78	\$9.80	\$15.91	\$0.00	\$60.49
CARPENTERS -ZONE 2 (Eastern Massachusetts)	09/01/2014	\$35.55	\$9.80	\$15.91	\$0.00	\$61.26
	03/01/2015	\$36.32	\$9.80	\$15.91	\$0.00	\$62.03

 Issue Date:
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 Wage Request Number:
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	Effecti Step	ve Date - percent	03/01/2014	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50		\$17.39	\$9.80	\$1.57	\$0.00	\$28.76	
	2	60		\$20.87	\$9.80	\$1.57	\$0.00	\$32.24	
	3	70		\$24.35	\$9.80	\$11.20	\$0.00	\$45.35	
	4	75		\$26.09	\$9.80	\$11.20	\$0.00	\$47.09	
	5	80 .		\$27.82	\$9.80	\$12.77	\$0.00	\$50.39	
	6	80		\$27.82	\$9.80	\$12.77	\$0.00	\$50.39	
	7	90		\$31.30	\$9.80	\$14.34	\$0.00	\$55.44	
	8	90		\$31.30	\$9.80	\$14.34	\$0.00	\$55.44	
	Effecti Step	ve Date - percent	09/01/2014	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50		\$17.78	\$9.80	\$1.57	\$0.00	\$29.15	
	2	60		\$21.33	\$9.80	\$1.57	\$0.00	\$32.70	
	3	70		\$24.89	\$9.80	\$11.20	\$0.00	\$45.89	
	4	75		\$26.66	\$9.80	\$11.20	\$0.00	\$47.66	
	5	80		\$28.44	\$9.80	\$12.77	\$0.00	\$51.01	
	6	80		\$28.44	\$9.80	\$12.77	\$0.00	\$51.01	
	7	90		\$32.00	\$9.80	\$14.34	\$0.00	\$56.14	
	8	90		\$32.00	\$9.80	\$14.34	\$0.00	\$56.14	
	Notes:		urneyworker Ratio:1:5						
ÆNT I	MASONRY/			01/01/201	4 \$43.60	\$10.90	\$18.71	\$1.30	\$74.51
KLAYER	S LOCAL 3 (NE	WTON)		07/01/201			\$18.71	\$1.30	\$74.68
				01/01/201			\$18.71	\$1.30	\$75.60
				07/01/201			\$18.71	\$1.30	\$76.20
				01/01/201	6 \$46.21	\$10.90	\$18.71	\$1.30	\$77.12

cena Datas	02/05/2014	Waga Dogwood Numbers	201.40205-022	Page 7 of d

Apprentice - CEMENT MASONRY/PLASTERING - Eastern Mass (Newton)

	Effecti	ve Date -	01/01/2014				Supplemental		
	Step	percent		Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	50		\$21.80	\$10.90	\$12.21	\$1.30	\$46.21	
	2	60		\$26.16	\$10.90	\$13.71	\$1.30	\$52.07	
	3	· 65		\$28.34	\$10.90	\$14.71	\$1.30	\$55.25	
	4	70		\$30.52	\$10.90	\$15.71	\$1.30	\$58.43	
	5	75		\$32.70	\$10.90	\$16.71	\$1.30	\$61.61	
	6	80		\$34.88	\$10.90	\$17.71	\$1.30	\$64.79	
	7	90		\$39.24	\$10.90	\$18.71	\$1.30	\$70.15	
	Effectiv	ve Date -	07/01/2014				Supplemental		
	Step	percent		Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	50	Þ	\$21.89	\$10.90	\$12.21	\$1.30	\$46.30	
	2	60		\$26.26	\$10.90	\$13.71	\$1.30	\$52.17	
	3	65		\$28.45	\$10.90	\$14.71	\$1.30	\$55.36	
	4	70		\$30.64	\$10.90	\$15.71	\$1.30	\$58.55	
	5	75		\$32.83	\$10.90	\$16.71	\$1.30	\$61.74	
	6	80		\$35.02	\$10.90	\$17.71	\$1.30	\$64.93	
	7	90		\$39.39	\$10.90	\$18.71	\$1.30	\$70.30	
	Notes:		rneyworker Ratio:1:3	e 1,000 hrs.					
HAIN SAW		OR		12/01/2013	3 \$33.60	\$7.30	\$12.70	\$0.00	\$53.60
BORERS - ZON	IE I			06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
				12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
				06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
				12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
		*		06/01/2016	\$37.35		\$12.70	\$0.00	\$57.35
For apprentic	e rates see "	Apprentice. I A	ворир»			\$7.30	\$12.70 \$12.70		
LAM SHELI PERATING ENG	LS/SLURI	CAL 4	ETS/HEADING MACHINES	06/01/2016 12/01/2016	\$38.35	\$7.30 \$7.30		\$0.00	\$57.35
LAM SHELI PERATING ENG For apprentic	LS/SLURI INEERS LO e rates see "/	RY BUCKE OCAL 4 Apprentice- OP		06/01/2016 12/01/2016 3 12/01/2013	5 \$38.35 3 \$41.49	\$7.30 \$7.30 \$10.00	\$12.70 \$14.18	\$0.00	\$57.35 \$58.35 \$65.67
LAM SHELI PERATING ENG	LS/SLURI HNEERS LO e rates see "A R OPERA	RY BUCKE OCAL 4 Apprentice- OP	ETS/HEADING MACHINES	06/01/2016 12/01/2016	5 \$38.35 3 \$41.49	\$7.30 \$7.30 \$10.00	\$12.70	\$0.00	\$57.35 \$58.35
LAM SHELI PERATING ENG For apprentic OMPRESSO PERATING ENG	LS/SLURI GINEERS LO e rates see "A PR OPERA GINEERS LO	RY BUCKE OCAL 4 Apprentice- OP ATOR OCAL 4	ETS/HEADING MACHINES	06/01/2016 12/01/2016 3 12/01/2013	5 \$38.35 3 \$41.49	\$7.30 \$7.30 \$10.00	\$12.70 \$14.18	\$0.00	\$57.35 \$58.35 \$65.67
AM SHELL ERATING ENG For apprentic DMPRESSO ERATING ENG For apprentic ELEADER (1	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE THE SECTION OF T	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 3 12/01/2013	5 \$38.35 3 \$41.49 3 \$28.11	\$7.30 \$7.30 \$10.00	\$12.70 \$14.18	\$0.00	\$57.35 \$58.35 \$65.67
AM SHELL ERATING ENG For apprentic OMPRESSO ERATING ENG For apprentic ELEADER (1	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE THE SECTION OF T	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 12/01/2013 12/01/2013	5 \$38.35 8 \$41.49 8 \$28.11	\$7.30 \$7.30 \$10.00 \$10.00	\$12.70 \$14.18	\$0.00 \$0.00 \$0.00	\$57.35 \$58.35 \$65.67 \$52.29
AM SHELL ERATING ENG For apprentic DMPRESSO ERATING ENG For apprentic ELEADER (1	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE THE SECTION OF T	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 12/01/2013 12/01/2013	\$ \$38.35 \$ \$41.49 \$ \$28.11 \$ \$45.91 \$ \$46.76	\$7.30 \$7.30 \$10.00 \$10.00 \$7.85 \$7.85	\$12.70 \$14.18 \$14.18 \$16.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$57.35 \$58.35 \$65.67 \$52.29
AM SHELL ERATING ENG For apprentic OMPRESSO ERATING ENG For apprentic ELEADER (1	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE THE SECTION OF T	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 12/01/2013 12/01/2013 01/01/2014 07/01/2014	\$38.35 \$41.49 \$3 \$28.11 \$45.91 \$46.76 \$47.66	\$7.30 \$7.30 \$10.00 \$10.00 \$7.85 \$7.85 \$7.85	\$12.70 \$14.18 \$14.18 \$16.10 \$16.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$57.35 \$58.35 \$65.67 \$52.29 \$69.86 \$70.71
LAM SHELL PERATING ENG For apprentic OMPRESSO PERATING ENG For apprentic ELEADER (1)	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE THE SECTION OF T	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 12/01/2013 12/01/2013 01/01/2014 07/01/2014 01/01/2015	3 \$38.35 3 \$41.49 3 \$28.11 4 \$45.91 5 \$46.76 5 \$47.66 5 \$48.56	\$7.30 \$7.30 \$10.00 \$10.00 \$7.85 \$7.85 \$7.85	\$12.70 \$14.18 \$14.18 \$16.10 \$16.10 \$16.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$57.35 \$58.35 \$65.67 \$52.29 \$69.86 \$70.71 \$71.61
LAM SHELL PERATING ENG For apprentic OMPRESSO PERATING ENG For apprentic ELEADER (1)	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE SEC "A THE SEC "A THE SEC "A THE SEC "A	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 12/01/2013 12/01/2013 01/01/2014 07/01/2014 01/01/2015 07/01/2015	3 \$38.35 3 \$41.49 3 \$28.11 4 \$45.91 4 \$46.76 5 \$47.66 5 \$48.56 5 \$49.51	\$7.30 \$7.30 \$10.00 \$10.00 \$7.85 \$7.85 \$7.85 \$7.85 \$7.85	\$12.70 \$14.18 \$14.18 \$16.10 \$16.10 \$16.10 \$16.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$57.35 \$58.35 \$65.67 \$52.29 \$69.86 \$70.71 \$71.61 \$72.51
LAM SHELL PERATING ENG For apprentic OMPRESSO PERATING ENG	LS/SLURI GINEERS LO THE OPERA- GINEERS LO THE THE SEC "A THE SEC "A THE SEC "A THE SEC "A	RY BUCKE CAL 4 Apprentice- OP ATOR CAL 4 Apprentice- OP	ETS/HEADING MACHINES PERATING ENGINEERS"	06/01/2016 12/01/2016 12/01/2013 12/01/2013 01/01/2014 07/01/2014 01/01/2015 07/01/2015	3 \$38.35 3 \$41.49 3 \$28.11 4 \$45.91 4 \$46.76 5 \$47.66 5 \$47.66 5 \$49.51 5 \$50.46	\$7.30 \$7.30 \$10.00 \$10.00 \$7.85 \$7.85 \$7.85 \$7.85 \$7.85	\$12.70 \$14.18 \$14.18 \$16.10 \$16.10 \$16.10 \$16.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$57.35 \$58.35 \$65.67 \$52.29 \$69.86 \$70.71 \$71.61 \$72.51 \$73.46

Total Rate

	Step	ve Date - 01/01/2014 percent	Apprentice B	ase Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50	\$2	2.96	\$7.85	\$0.00	\$0.00	\$30.81	
	2	55	\$2	5.25	\$7.85	\$3.66	\$0.00	\$36.76	
	3	60	\$2	7.55	\$7.85	\$3.99	\$0.00	\$39.39	
	4	65	\$2	9.84	\$7.85	\$4.32	\$0.00	\$42.01	
	5	70	\$3	2.14	\$7.85	\$14.11	\$0.00	\$54.10	
	6	75		4.43	\$7.85	\$14.44	\$0.00	\$56.72	
	7	80		6.73	\$7.85	\$14.77	\$0.00	\$59.35	
	8	90		1.32	\$7.85	\$15.44	\$0.00	\$64.61	
	Effecti	ve Date - 07/01/2014					Supplemental		
	Step	percent	Apprentice B	Base Wage	Health	Pension	Unemployment	Total Rate	
	1	50	\$2	3.38	\$7.85	\$0.00	\$0.00	\$31.23	
	2	55	\$2	5.72	\$7.85	\$3.66	\$0.00	\$37.23	
	3	60	\$2	8.06	\$7.85	\$3.99	\$0.00	\$39.90	
	4	65	\$3	0.39	\$7.85	\$4,32	\$0.00	\$42.56	
	5	70	\$3	2.73	\$7.85	\$14.11	\$0.00	\$54.69	
	6	75	\$3	5.07	\$7.85	\$14.44	\$0.00	\$57.36	
	7	80	\$3	7.41	\$7.85	\$14.77	\$0.00	\$60.03	
	8	90	\$4	2.08	\$7.85	\$15.44	\$0.00	\$65.37	
	Notes:	Steps are 750 hrs.							
fo; adze		ntice to Journeyworker R					444 = 0	***	
RERS - ZON				12/01/2013		\$7.30	\$12.70	\$0.00	\$53.50
				06/01/2014		\$7.30	\$12.70	\$0.00	\$54.25
				12/01/2014		\$7.30	\$12.70	\$0.00	\$55.00
				06/01/2015 12/01/2015		\$7.30 \$7.30	\$12.70 \$12.70	\$0.00 \$0.00	\$55.75 \$56.50
		Apprentice- LABORER" OADER/HAMMER OPER	ATOR	12/01/2013	\$34.50	\$7.30	\$12.70	\$0.00	\$54.50
RERS - ZON	E 1			06/01/2014		\$7.30	\$12.70	\$0.00	\$55.25
				12/01/2014		\$7.30	\$12.70	\$0.00	\$56.00
				06/01/2015		\$7.30	\$12.70	\$0.00	\$56.75
For appropri	ratae no- 1	'Apprentice- LABORER"		12/01/2015	\$37.50	\$7.30	\$12.70	\$0.00	\$57.50
io: BURN		Appender LABORER		12/01/2013	\$34.25	\$7.30	\$12.70	\$0.00	\$54.25
RERS - ZON	E I			06/01/2014		\$7.30	\$12.70	\$0.00	\$55.00
				12/01/2014		\$7.30	\$12.70	\$0.00	\$55.75
				06/01/2015		\$7.30	\$12.70	\$0.00	\$56.50
				12/01/2015		\$7.30	\$12.70	\$0.00	\$57.25
or apprentice	rates see	'Apprentice- LABORER"							

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: CONCRETE CUTTER/SAWYER	12/01/2013	\$34.50	\$7.30	\$12.70	\$0.00	\$54.50
LABORERS - ZONE 1	06/01/2014	\$35.25	\$7.30	\$12.70	\$0.00	\$55.25
	12/01/2014	\$36.00	\$7.30	\$12.70	\$0.00	\$56.00
	06/01/2015	\$36.75	\$7.30	\$12.70	\$0.00	\$56.75
	12/01/2015	\$37.50	\$7.30	\$12.70	\$0.00	\$57.50
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 1	12/01/2013	\$34.25	\$7.30	\$12.70	. \$0.00	\$54.25
LADORERS - ZONE I	06/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
	12/01/2014	\$35.75	\$7.30	\$12.70	\$0.00	\$55.75
	06/01/2015	\$36.50	\$7.30	\$12.70	\$0.00	\$56.50
	12/01/2015	\$37.25	\$7.30	\$12.70	\$0.00	\$57.25
For apprentice rates see "Apprentice- LABORER"	4					
DEMO: WRECKING LABORER LABORERS - ZONE 1	12/01/2013	\$33.50	\$7.30	\$12.70	\$0.00	\$53.50
ENDOREIG- LOINS I	06/01/2014	\$34.25	\$7.30	\$12.70	\$0.00	\$54.25
	12/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
	06/01/2015	\$35.75	\$7.30	\$12.70	\$0.00	\$55.75
	12/01/2015	\$36.50	\$7.30	\$12.70	\$0.00	\$56.50
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2013	\$56.14	\$9.80	\$18.17	\$0.00	\$84.11
THE DRIVER LOCAL 30 (ZONE 1)	08/01/2014	\$58.24	\$9.80	\$18.17	\$0.00	\$86.21
	08/01/2015	\$60.34	\$9.80	\$18.17	\$0.00	\$88.31
DIVER TENDER	08/01/2013	\$40.10	\$9.80	\$18.17	\$0.00	\$68.07
PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2014	\$41.60	\$9.80	\$18.17	\$0.00	\$69.57
	08/01/2015	\$43.10	\$9.80	\$18.17	\$0.00	\$71.07
DIVER TENDER (EFFLUENT)	08/01/2013	\$60.15	\$9.80	\$18.17	\$0.00	\$88.12
PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2014	\$62.40	\$9.80	\$18.17	\$0.00	\$90.37
	08/01/2015	\$64.65	\$9.80	\$18.17	\$0.00	\$92.62
DIVER/SLURRY (EFFLUENT)	08/01/2013	\$84.21	\$9.80	\$18.17	\$0.00	\$112.18
PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2014	\$87.36	\$9.80	\$18.17	\$0.00	\$115,33
	08/01/2015	\$90.51	\$9.80	\$18.17	\$0.00	\$118.48
DRAWBRIDGE OPERATOR (Construction)	03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
ELECTRICIANS LOCAL 103	09/01/2014	\$45.12	\$13.00	\$14.70	\$0.00	\$72.82
·	03/01/2015	\$45.84	\$13.00	\$14.72	\$0.00	\$73.56
	09/01/2015	\$46.80	\$13.00	\$14.75	\$0.00	\$74.55
	03/01/2016	\$47.75	\$13.00	\$14.78	\$0.00	\$74.53
For apprentice rates see "Apprentice-ELECTRICIAN"	03/01/2010	341.13	\$13.00	ψ14.70	30.00	دد.د، ب
ELECTRICIAN	03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
ELECTRICIANS LOCAL 103	09/01/2014	\$45.12	\$13.00	\$14.70	\$0.00	\$72.82
	03/01/2015	\$45.84	\$13.00	\$14.72	\$0.00	\$73.56
	09/01/2015	\$46.80	\$13.00	\$14.75	\$0.00	\$73.50
	03/01/2016	\$47.75	\$13.00	\$14.78	\$0.00	\$74.53
· · · · · · · · · · · · · · · · · · ·	03/01/2010	971.13	913.00	ψ. 7.70	φυ.υυ	\$10,33

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Classification Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Step	ve Date - 0: percent	3/01/2014 Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rat
1	40	\$17.78	\$13.00	\$0.53	\$0.00	\$31.3
2	40	\$17.78	\$13.00	\$0.53	\$0.00	\$31.3
3	45	\$20.00	\$13.00	\$11.04	\$0.00	\$44.0
4	45	\$20.00	\$13.00	\$11.04	\$0.00	\$44.0
5	50	\$22.23	\$13.00	\$11.37	\$0.00	\$46.6
6	55	\$24.45	\$13.00	\$11.70	\$0.00	\$49.1
7	60	\$26.67	\$13.00	\$12.03	\$0.00	\$51.7
8	65	\$28.89	\$13.00	\$12.37	\$0.00	\$54.2
9	70	\$31.12	\$13.00	\$12.69	\$0.00	\$56.8
10	75	\$33.34	\$13.00	\$13.03	\$0.00	\$59.3
Effecti	ive Date - 0	0/01/2014			Supplemental	
Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Ra
1	40	\$18.05	\$13.00	\$0.54	\$0.00	\$31.5
2	40	\$18.05	\$13.00	\$0.54	\$0.00	\$31.5
3	45	\$20.30	\$13.00	\$11.05	\$0.00	\$44.3
4	45	\$20.30	\$13.00	\$11.05	\$0.00	\$44.3
5	50	\$22.56	\$13.00	\$11.38	\$0.00	\$46.9
6	55	\$24,82	\$13.00	\$11.71	\$0.00	\$49.5
7	60	\$27.07	\$13.00	\$12.04	\$0.00	\$52.1
8	65	\$29.33	\$13.00	\$12.38	\$0.00	\$54.7
9	70	\$31.58	\$13.00	\$12.71	\$0.00	\$57.2
10	75	\$33.84	\$13.00	\$13.05	\$0.00	\$59.8
Notes:		/03; 30/35/40/45/50/55/65/70/75/80				· — — —
		eyworker Ratio:2:3***				

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Total Rate

	Step	ve Date - 01/01/2012 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Tot	al Rate
	1	50	\$26,23	\$8.78	\$0.00	\$0.00		\$35.01
	2	55	\$28.85	\$8.78	\$6.96	\$0.00		\$44.59
	3	65	\$34.09	\$8.78	\$6.96	\$0.00		\$49.83
	4	70	\$36.72	\$8.78	\$6.96	\$0.00		\$52.46
	5	80	\$41.96	\$8.78	\$6.96	\$0.00		\$57.70
	Notes:							- 7
	<u> </u>	Steps 1-2 are 6 mos.; Steps 3-5 are 1 ye	ear 					<u>i</u>
		ntice to Journeyworker Ratio:1:1						
LEVATOR CONST	RUCTOR		01/01/2012	\$38.59	\$8.78	\$6.96	\$0.00	\$54.33
		Apprentice - ELEVATOR CONSTRUCTOR*						
ENCE & GUA 1BORERS - ZONE		IL ERECTOR	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
20112			06/01/201-	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
			12/01/2014		\$7.30	\$12.70	\$0.00	\$55.10
			06/01/2013		\$7.30	\$12.70	\$0.00	\$55.85
			12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
			06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
For apprentice	rates see ".	Apprentice- LABORER"	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
		SON-BLDG,SITE,HVY/HWY	11/01/2013	\$38.73	\$10.00	\$13,55	\$0.00	\$62,28
PERATING ENGL	VEERS LC	CAL #	05/01/2014	•	\$10.00	\$13.55	\$0.00	\$63,05
For apprentice	rates see ".	Apprentice- OPERATING ENGINEERS"	03/01/201	\$55.50	Ψ10.00	V10.00	90100	\$05.05
		HEF-BLDG,SITE,HVY/HWY	11/01/2013	\$40.15	\$10.00	\$13.55	\$0.00	\$63.70
PERATING ENGI			05/01/2014	\$40.92	\$10.00	\$13.55	\$0.00	\$64.47
		Apprentice- OPERATING ENGINEERS"			. ,			
IELD ENG.RC PERATING ENGII		SON-BLDG,SITE,HVY/HWY	11/01/2013	\$21.10	\$10.00	\$13.55	\$0.00	\$44.65
		Apprentice- OPERATING ENGINEERS"	05/01/2014	\$21.55	\$10.00	\$13.55	\$0.00	\$45.10
IRE ALARM I	NSTAL		03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
LECTRICIANS LO	CAL 103		09/01/2014		\$13.00	\$14.70	\$0.00	\$72.82
		•	03/01/2015		\$13.00	\$14.72	\$0.00	\$73.56
			09/01/2015		\$13.00	\$14.75	\$0.00	\$74.55
Vor anneati	ratae "	Apprentice- ELECTRICIAN"	03/01/2010		\$13.00	\$14.78	\$0.00	\$75.53
		/ MAINTENANCE	03/01/2014	622.31	\$12.00	\$13.03	\$0.00	øen 17
•	····· CHI	/ COMMISSIONING ELECTRICIANS			\$13.00		\$0.00	\$59.47
CAL 103			09/01/2014		\$13.00	\$13.05 \$13.06		\$59.89
			03/01/2015		\$13.00	\$13.08	\$0.00	\$60.44
			09/01/2015		\$13.00		\$0.00	\$61.18
For apprentice	rates see ".	Apprentice- TELECOMMUNICATIONS TECHNI	03/01/2016 ICIAN"	\$35.81	\$13.00	\$13.10	\$0.00	\$61.91

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIREMAN (ASST. ENGINEER) OPERATING ENGINEERS LOCAL 4	12/01/2013	\$33.76	\$10.00	\$14.18	\$0.00	\$57.94
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FLAGGER & SIGNALER	12/01/2013	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
LABORERS - ZONE 1	06/01/2014	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
•	12/01/2014	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
	06/01/2015	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
	12/01/2015	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
	06/01/2016	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
	12/01/2016	\$20.50	\$7.30	\$12.70	\$0.00	\$40.50
For apprentice rates see "Apprentice- LABORER"						
FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE 1	03/01/2014	\$39.87	\$9.80	\$16.96	\$0.00	\$66.63

	Effect Step	ive Date - 03/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50	\$19.94	\$9.80	\$1.79	\$0.00	\$31.53	
	2	55	\$21.93	\$9.80	\$1.79	\$0.00	\$33,52	
	3 -	60	\$23.92	\$9.80	\$11.59	\$0.00	\$45.31	
	4	65	\$25.92	\$9.80	\$11.59	\$0.00	\$47.31	
	5	70	\$27.91	\$9.80	\$13.38	\$0.00	\$51.09	
	6	75	\$29.90	\$9.80	\$13.38	\$0.00	\$53.08	
	7	80 .	\$31.90	\$9.80	\$15.17	\$0.00	\$56.87	
	8	85	\$33.89	\$9.80	\$15.17	\$0.00	\$58.86	
	Notes:	: Steps are 750 hrs. entice to Journeyworker Ratio:1:1						
PERATING	T/CHERRY ENGINEERS L	OCAL 4	12/01/201	3 \$40.49	9 \$10.00	\$14.18	\$0.00	\$64.67
ENERA'		"Apprentice- OPERATING ENGINEERS" ING PLANT/HEATERS OCAL 4	12/01/201	3 \$28.1	1 \$10.00	\$14.18	\$0.00	\$52.29
For app	rentice rates see	"Apprentice- OPERATING ENGINEERS"						
	•	ANK/AIR BARRIER/INTERIOR	01/01/201	4 \$35.4	1 \$7.85	\$16.10	\$0.00	\$59,36
YSTEMS LAZIERS L	S) OCAL 35 (ZON	E 2)	07/01/201	4 \$36.5	6 \$7.85	\$16.10	\$0.00	\$60.51
	,	•	01/01/201	5 \$37.10	6 \$7.85	\$16,10	\$0.00	\$61.11
			07/01/201	5 \$38.0	5 \$7.85	\$16.10	\$0.00	\$62.01
				6 \$39.0	1 \$7.85	\$16.10	\$0.00	\$62.96
			01/01/201	0 339.0	1 97.05	******	*	\$02.70
			01/01/201 07/01/201			\$16.10	\$0.00	\$63.91

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	Effective Step	ve Date - 01/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
	1	50	\$17.71	\$7.85	\$0.00	\$0.00	\$25.56
	2	55	\$19.48	\$7.85	\$3.66	\$0.00	\$30.99
	3	60	\$21.25	\$7.85	\$3.99	\$0.00	\$33.09
	4	65	\$23.02	\$7.85	\$4.32	\$0.00	\$35.19
	5	70	\$24.79	\$7.85	\$14.11	\$0.00	\$46.75
	6	75	\$26.56	\$7.85	\$14.44	\$0.00	\$48.85
	7	80	\$28.33	\$7.85	\$14.77	\$0.00	\$50.95
	8 -	90	\$31.87	\$7.85	\$15.44	\$0.00	\$55.16
	Effectiv	ve Date - 07/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
	1	50	\$18.28	\$7.85	\$0.00	\$0.00	\$26.13
	2	55	\$20.11	\$7.85	\$3.66	\$0.00	\$31.62
	3	60	\$21.94	\$7.85	\$3.99	\$0.00	\$33.78
	4	65	\$23.76	\$7.85	\$4.32	\$0.00	\$35.93
	5	70	\$25.59	\$7.85	\$14.11	\$0.00	\$47.55
	6	75	\$27.42	\$7.85	\$14.44	\$0.00	\$49.71
	7	80	\$29.25	\$7.85	\$14.77	\$0.00	\$51.87
	8	90	\$32.90	\$7.85	\$15.44	\$0.00	\$56.19
	Notes:	Steps are 750 hrs.					
	Apprer	tice to Journeyworker Ratio:1:1					. <u></u>
TING EN	GINEER	/CRANES/GRADALLS	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00 \$64.67

		· · · · · · · · · · · · · · · · · · ·		
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	ffective Date -	12/01/2013	4 4 5 5	TT. 1/4	p	Supplemental	W-1-1 D :	
	tep percent		Apprentice Base Wage		Pension	Unemployment	Total Rate	
1	•••	-	\$22.27	\$10.00	\$0.00	\$0.00	\$32.27	
2			\$24.29	\$10.00	\$14.18	\$0.00	\$48.47	
3			\$26.32	\$10.00	\$14.18	\$0.00	\$50.50	
4	,,		\$28.34	\$10.00	\$14.18	\$0.00	\$52.52	
5			\$30.37	\$10.00	\$14.18	\$0.00	\$54.55	
6	**		\$32.39	\$10.00	\$14.18	\$0.00	\$56.57	
. 7	•		\$34.42	\$10.00	\$14.18	\$0.00	\$58.60	
8	90		\$36.44	\$10.00	\$14.18	\$0.00	\$60.62	
N	otes:							
j								
Ā	pprentice to Jo	ourneyworker Ratio:1:6						
IVAC (DUCTWO		·	02/01/2014	\$42	.76 \$9.82	\$19.74	\$2.17	\$74.49
HEDIMBIAL WORKI	ERW LUCAL 17 - A		08/01/2014	\$43	.61 \$9.82	\$19.74	\$2.17	\$75.34
			02/01/201:	\$44	.51 \$9.82	\$19.74	\$2.17	\$76.24
			08/01/201	\$45	.51 \$9.82	\$19.74	\$2.17	\$77.24
			02/01/2010	\$46	.51 \$9.82	\$19.74	\$2.17	\$78.24
			08/01/201	\$47	.66 \$9.82	\$19.74	\$2.17	\$79.39
			02/01/201	7 \$48	.76 \$9.82	\$19.74	\$2.17	\$80.49
			08/01/201	7 \$49	.86 \$9.82	\$19.74	\$2.17	\$81.59
			02/01/2013	\$51	.01 \$9.82	\$19.74	\$2.17	\$82.74
		SHEET METAL WORKER*				****		
IVAC (ELECTRI LECTRICIANS LOCA		JL9)	03/01/201-				\$0.00	\$72.13
			09/01/201				\$0.00	\$72.82
			03/01/201:				\$0.00	\$73.56
			09/01/201:				\$0.00	\$74.55
For apprentice rate	es see "Apprentice-	FI FCTRICIAN®	03/01/2016	5 \$47	.75 \$13.00	\$14.78	\$0.00	\$75.53
IVAC (TESTING			02/01/2014	1 \$42	.76 \$9.82	\$19.74	\$2.17	\$74.49
HEETMETAL WORKI	ERS LOCAL 17 - A	•	08/01/201			\$19.74	\$2.17	\$75.34
			02/01/201			\$19.74	\$2.17	\$76.24
			08/01/201			\$19.74	\$2.17	\$77.24
			02/01/201			\$19.74	\$2.17	\$78.24
		-	08/01/2010			\$19.74	\$2.17	\$79.39
			02/01/201			\$19.74	\$2.17	\$80.49
			08/01/201			\$19.74	\$2.17	\$81.59
	ı		02/01/201			\$19.74	\$2.17	\$82.74
For apprentice rate	es see "Apprentice-	SHEET METAL WORKER"						-
IVAC (TESTING IPEFIITERS LOCAL		CING -WATER)	03/01/201:	3 \$49	.34 \$8.75	\$14.39	\$0.00	\$72.48
		PIPEFITTER" or "PLUMBER/PIP	THE PARTY OF THE P					

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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC MECHANIC PIPEFITTERS LOCAL 537	03/01/2013	\$49.34	\$8.75	\$14.39	\$0.00	\$72.48
For apprentice rates see "Apprentice-PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS	12/01/2013	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
LABORERS - ZONE I .	06/01/2014	\$34.85	\$7.30	\$12.70	\$0.00	\$54.85
	12/01/2014	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
	06/01/2015	\$36.35	\$7.30	\$12.70	\$0.00	\$56.35
	12/01/2015	\$37.10	\$7.30	\$12.70	\$0.00	\$57.10
	06/01/2016	\$37.85	\$7.30	\$12.70	\$0.00	\$57.85
For apprentice rates see "Apprentice- LABORER"	12/01/2016	\$38.85	\$7.30	\$12.70	\$0.00	\$58.85
INSULATOR (PIPES & TANKS)	09/01/2013	· \$42.11	\$10.95	\$12.10	\$0.00	\$65.16
HEAT & FROST INSULATORS LOCAL 6 (BOSTON)	09/01/2014	\$44.11	\$10.95	\$12.10	\$0.00	\$67.16

	ve Date - 09/01/2013	,			Supplemental	
Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate
1	50	\$21.06	\$10.95	\$9.00	\$0.00	\$41.01
2	60	\$25.27	\$10.95	\$9.62	\$0.00	\$45.84
3	70	\$29.48	\$10.95	\$10.24	\$0.00	\$50.67
4	80	\$33.69	\$10.95	\$10.86	\$0.00	\$55.50
Effectiv	e Date - 09/01/2014				Supplemental	•
Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate
1	50	\$22.06	\$10.95	\$9.00	\$0.00	\$42.01
2	60	\$26.47	\$10.95	\$9.62	\$0.00	\$47.04
. 3	70	\$30.88	\$10.95	\$10.24	\$0.00	\$52.07
4	80	\$35.29	\$10.95	\$10.86	\$0.00	\$57.10
Notes:						· · · · · · · · · · · · · · · · · · ·
į	Steps are 1 year					1
Appren	tice to Journeyworker Ratio:1:4					
NWORKER/WELD	ER	09/16/2013	3 \$40.8	5 \$7.70	\$18,60	\$0.00 \$67.15

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Class	itic	atior

•		ntice - IRONWORKER - Local 7 Bo ive Date - 09/16/2013 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	60	\$24.51	\$7.70	\$18.60	\$0.00	\$50.81	
	2	70	\$28.60	\$7.70	\$18.60	\$0.00	\$54.90	
	3	75	\$30.64	\$7.70	\$18.60	\$0.00	\$56.94	
	4	80	\$32.68	\$7.70	\$18.60	\$0.00	\$58.98	
	5	85	\$34.72	\$7.70	\$18.60	\$0.00	\$61.02	
	6	90	\$36.77	\$7.70	\$18.60	\$0.00	\$63.07	•
	Notes:	** Structural 1:6; Ornamental 1:4						
	Appre	entice to Journeyworker Ratio:**						
		VING BREAKER OPERATOR	12/01/201	\$33,60	\$7.30	\$12.70	\$0.00	\$53.60
ABORERS - ZOI	NE I		06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
			12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
			06/01/201	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
			12/01/201	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
			06/01/2010	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
			12/01/2010	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
	ce rates see	"Apprentice- LABORER"						
LABORER Laborers - zoi	ME I		12/01/2013	3 \$33.35	\$7.30	\$12.70	\$0.00	\$53.35
ABOREKS - ZOI	WE I		06/01/201	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
			12/01/201	\$34.85	\$7.30	\$12.70	\$0.00	\$54.85
			06/01/201:	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
			12/01/201:	\$36.35	\$7.30	\$12.70	\$0.00	\$56.35
			06/01/201	5 \$37.10	\$7.30	\$12.70	\$0.00	\$57.10
			12/01/201	5 \$38.10	\$7.30	\$12.70	\$0.00	\$58.10

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		ntice - LABORER - Zon ve Date - 12/01/2013	e 1						
	Step	ve Date - 12/01/2013 percent	Аррі	entice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	60		\$20.01	\$7.30	\$12.70	\$0.00	\$40.01	
	2	70		\$23.35	\$7.30	\$12.70	\$0.00	\$43.35	
	, 3	80		\$26.68	\$7.30	\$12,70	\$0.00	\$46.68	
	4	90		\$30.02	\$7.30	\$12.70	\$0.00	\$50.02	
	Effecti	ve Date - 06/01/2014					Supplemental		
	Step	percent	Appr	entice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	60		\$20.46	\$7.30	\$12.70	\$0.00	\$40,46	
	2	70		\$23.87	\$7.30	\$12.70	\$0.00	\$43.87	
	3	80		\$27.28	\$7.30	\$12.70	\$0.00	\$47.28	
•	4	90		\$30.69	\$7.30	\$12.70	\$0.00	\$50.69	
	Notes:	. — — — — -							
	į							i	
		ntice to Journeyworker	Ratio:1:5						
ABORER: (BORERS - ZO		ER TENDER		12/01/2013	3 \$33.35	\$7.30	\$12.70	\$0.00	\$53.35
DOM: NO - 20	AVIS 1			06/01/201	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
				12/01/201	\$34.85	\$7.30	\$12.70	\$0.00	\$54.85
				06/01/201	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
				12/01/201:	\$36.35	\$7.30	\$12.70	\$0.00	\$56.35
				06/01/201	5 \$37.10	\$7.30	\$12.70	\$0.00	\$57.10
				12/01/2010	5 \$38.10	\$7.30	\$12.70	\$0.00	\$58.10
		Apprentice- LABORER*							
ABORERS - ZO		FINISHER TENDER		12/01/201		\$7.30	\$12.70	\$0.00	\$53.35
				06/01/201		\$7.30	\$12.70	\$0.00	\$54.10
				12/01/2014		\$7.30	\$12.70	\$0.00	\$54.85
				06/01/201:	5 \$35.60	\$7.30	\$12.70	\$0.00	\$55.60
				12/01/201:	\$36.35	\$7.30	\$12.70	\$0.00	\$56.35
				06/01/201	5 \$37.10	\$7.30	\$12.70	\$0.00	\$57.10
For apprenti	ice rates see *	Apprentice- LABORER"		12/01/2010	5 \$38.10	\$7.30	\$12.70	\$0.00	\$58.10
ABORER: I	HAZARD	OUS WASTE/ASBESTO	S REMOVER	12/01/201	3 \$33.50	\$7.30	\$12.70	\$0.00	\$53.50
BORERS - ZO	INE I			06/01/201	\$34.25	\$7.30	\$12.70	\$0.00	\$54.25
				12/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
				06/01/201:	\$35.75	\$7,30	\$12.70	\$0.00	\$55.75
				12/01/201:	5 \$36.50	\$7.30	\$12.70	\$0.00	\$56.50
For apprenti	ice rates see '	Apprentice- LABORER"							

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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: MASON TENDER	12/01/2013	\$33.60	\$7.30	\$12.70	. \$0.00	\$53.60
LABORERS - ZONE I	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
For apprentice rates see "Apprentice- LABORER"				•		
LABORER: MULTI-TRADE TENDER	12/01/2013	\$33.35	\$7.30	\$12.70	\$0.00	\$53.35
LABORERS - ZONE 1	06/01/2014	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
	12/01/2014	\$34.85	\$7.30	\$12.70	\$0.00	\$54.85
	06/01/2015	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
	12/01/2015	. \$36.35	\$7.30	\$12.70	\$0.00	\$56:35
	06/01/2016	\$37.10	\$7.30	\$12.70	\$0.00	\$57.10
	12/01/2016	\$38.10	\$7.30	\$12.70	\$0.00	\$58.10
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER	12/01/2013	\$33.35	\$7.30	\$12.70	\$0.00	\$53.35
LABORERS - ZONE I	06/01/2014	\$34.10	\$7.30	\$12.70	\$0.00	\$54.10
	12/01/2014	\$34.85	\$7.30	\$12.70	\$0.00	\$54.85
	. 06/01/2015	\$35.60	\$7.30	\$12.70	\$0.00	\$55.60
	12/01/2015	\$36.35	\$7.30	\$12.70	\$0.00	\$56.35
	06/01/2016	\$37.10	\$7.30	\$12.70	\$0.00	\$57.10
	12/01/2016	\$38.10	\$7.30	\$12,70	\$0.00	\$58.10
This classification applies to the wholesale removal of standing trees including all associated trimming of branches and limbs, apprentice rates see "Apprentice-LABORER"	and applies to the removal of branc	hes at locations r	not on or arou	ıd utility lines.	For	
LASER BEAM OPERATOR	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
LABORERS - ZONE I	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
For apprentice rates see "Apprentice- LABORER"						
MARBLE & TILE FINISHERS	02/01/2014	\$36.66	\$10.18	\$16.83	\$0.00	\$63.67
BRICKLAYERS LOCAL 3 - MARBLE & TILE	08/01/2014	\$37.37	\$10.18	\$16.90	\$0.00	\$64.45
	02/01/2015	\$37.82	\$10.18	\$16.90	\$0.00	\$64.90
	08/01/2015	\$38.53	\$10.18	\$16.97	\$0.00	\$65.68
	02/01/2016	\$38.98	\$10.18	\$16.97	\$0.00	\$66.13
	08/01/2016	\$39.68	\$10.18	\$17.05	\$0.00	\$66.91
	02/01/2017	\$40.14	\$10.18	\$17.05	\$0.00	\$67.37
		,				

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02/01/2017

\$52.50

\$10.18

\$18.37

\$0.00

\$81.05

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	Effect	ive Date - 02/01/2014				Supplemental		
	Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	50	\$24.05	\$10.18	\$18.15	\$0.00	\$52.38	
	2	60	\$28.86	\$10.18	\$18.15	\$0.00	\$57.19	
	3	70	\$33.67	\$10.18	\$18.15	\$0.00	\$62.00	•
	4	80	\$38.48	\$10.18	\$18.15	\$0.00	\$66.81	
	5	90	\$43.29	\$10.18	\$18.15	\$0.00	\$71.62	
		ive Date - 08/01/2014		77 14	ъ.	Supplemental	W-4-1 D-4-	
	Step	percent	Apprentice Base Wage		Pension	Unemployment	Total Rate	
	1	50	\$24.50	\$10.18	\$18.22	\$0.00	\$52.90	
	2	60	\$29.40	\$10.18	\$18.22	\$0.00	\$57.80	
	3	70	\$34.30	\$10.18	\$18.22	\$0.00	\$62.70)
	4	80	\$39.20	\$10.18	\$18.22	\$0.00	\$67.60	1
	5	90	\$44.10	\$10.18	\$18.22	\$0.00	\$72.50	,
	Notes							
							i	
	Appre	ntice to Journeyworker Ratio:1:5						
ECH. SWEE		ERATOR (ON CONST. SITES) OCAL 4	12/01/201:	3 \$40.1	1 \$10.00	\$14.18	\$0.00	\$64.29
For apprentice	rates see	"Apprentice- OPERATING ENGINEERS"						
ECHANICS Erating eng			12/01/2012	3 \$40.1	1 \$10.00	\$14.18	\$0.00	\$64.29
For apprentice	rates see	"Apprentice- OPERATING ENGINEERS"						
LLWRIGH			10/01/2013	3 \$35.2	0 \$9.80	\$16.01	\$0.00	\$61.01
LI.WRIGHTS LC	ICAL 112.	t - Zone 1	04/01/2014	\$35.9	8 \$9.80	\$16.01	\$0.00	\$61.79
			10/01/2014	4 \$36.9	3 \$9.80	\$16.01	\$0.00	\$62.74
			04/01/201:	5 \$37.8	9 \$9.80	\$16.01	\$0.00	\$63.70

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	Step	ive Date - 10/01/2013 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	i	55	\$19.36	\$9.80	\$4.40	\$0.00	\$33.56	
	2	65	\$22.88	\$9.80	\$13.21	\$0.00	\$45.89	
	3	75	\$26.40	\$9.80	\$14.01	\$0.00	\$50.21	
	4	85	\$29.92	\$9,80	\$14.81	\$0.00	\$54.53	
	Effect	ive Date - 04/01/2014				Supplemental		
	Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	55	\$19.79	\$9.80	\$4.40	\$0.00	\$33.99	
	2	65	\$23.39	\$9.80	\$13.21	\$0.00	\$46.40	
	3	75	\$26.99	\$9.80	\$14.01	\$0.00	\$50.80	
	-4	85	\$30.58	\$9.80	\$14.81	\$0.00	\$55.19	
	Notes:							
	!	Steps are 2,000 hours	•					
	Appre	entice to Journeyworker Ratio;1:5		-				
ORTAR M			12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
BORERS - ZO.	NE I	,	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
			12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
			06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
			12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
			06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
			12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
	ER THAI	"Apprentice- LABORER" N TRUCK CRANES, GRADALLS) OCAL 4	12/01/2013	\$20.96	\$10.00	\$14.18	\$0.00	\$45.14
		"Apprentice- OPERATING ENGINEERS"						
	CK CRAI	NES, GRADALLS)	12/01/2013	\$24.43	\$10.00	\$14.18	\$0.00 .	\$48.61
For apprenti	ce rates see '	"Apprentice- OPERATING ENGINEERS"			`			
THER POW		VEN EQUIPMENT - CLASS II OCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprenti	ce rates see '	"Apprentice- OPERATING ENGINEERS"						
INTER (B			01/01/2014	\$45.91	\$7.85	\$16.10	\$0.00	\$69.86
NTERS LOCA	IL 35 - ZON	E 2	07/01/2014	\$46.76	\$7.85	\$16.10	\$0.00	\$70.71
			01/01/2015	\$47.66	\$7.85	\$16.10	\$0.00	\$71.61
			07/01/2015	\$48.56	\$7.85	\$16.10	\$0.00	\$72,51
			01/01/2016	\$49.51	\$7.85	\$16.10	\$0.00	\$73.46
			07/01/2016	\$50.46	\$7.85	\$16.10	\$0.00	\$74.41

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	Step	ve Date - 01/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50	\$18.41	\$7.85	\$0.00	\$0.00	\$26.26	
	2	55	\$20.25	\$7.85	\$3.66	\$0.00	\$31.76	
	3	60	\$22.09	\$7.85	\$3.99	\$0.00	\$33.93	
	4	65	\$23.93	\$7.85	\$4.32	\$0.00	\$36.10	
	5	70	\$25.77	\$7.85	\$14.11	\$0.00	\$47.73	
	6	75	\$27.61	\$7.85	\$14.44	\$0.00	\$49.90	
	7	80	\$29.45	\$7.85	\$14.77	\$0.00	\$52.07	
	8	90	\$33.13	\$7.85	\$15.44	\$0.00	\$56,42	
	Effecti Step	ve Date - 07/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50	\$18.83	\$7.85	\$0.00	\$0.00	\$26.68	
	2	55						
	3	60	\$20.71	\$7.85	\$3.66	\$0.00	\$32.22	
	4	65	\$22.60	\$7.85	\$3.99	\$0.00	\$34.44	
	5	70	\$24.48	\$7.85	\$4.32	\$0.00	\$36.65	
	6	75	\$26.36	\$7.85	\$14.11	\$0.00	\$48.32	
	7		\$28.25	\$7.85	\$14.44	\$0.00	\$50.54	
	8	80 90	\$30.13 \$33,89	\$7.85 \$7.85	\$14.77 \$15.44	\$0.00 \$0.00	\$52.75 \$57.18	
					J1J.44	30.00		
	Notes:	Steps are 750 hrs.				-	j I	
	Appre	ntice to Journeyworker Ratio:1						
		SANDBLAST, REPAINT)	01/01/201-	\$34.87	\$7.85	\$16.10	\$0.00	\$58.82
rus LOC	'AL 35 - ZONE	2	07/01/2014	\$35.72	\$7.85	\$16.10	\$0.00	\$59.63
			01/01/2015	\$36.62	\$7.85	\$16.10	\$0.00	\$60.57
			07/01/2015	\$37.52	\$7.85	\$16.10	\$0.00	\$61.47
			01/01/2016	\$38.47	\$7.85	\$16.10	\$0.00	\$62.42
			07/01/2016	\$39.42	\$7.85	\$16.10	\$0.00	\$63.37

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	Step	ve Date - percent	01/01/2014	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50		\$17.44	\$7.85	\$0.00	\$0.00	\$25.29	
	2	55		\$19.18	\$7.85	\$3.66	\$0.00	\$30.69	
	3	60		\$20.92	\$7.85	\$3.99	\$0.00	\$32.76	
	4	65		\$22.67	\$7.85	\$4.32	\$0.00	\$34.84	
	.5	70		\$24.41	\$7.85	\$14.11	\$0.00	\$46.37	
	6	75		\$26.15	\$7.85	\$14.44	\$0.00	\$48.44	
	7	80		\$27.90	\$7.85	\$14.77	\$0.00	\$50.52	
	8	90		\$31.38	\$7.85	\$15.44	\$0.00	\$54.67	
	Effecti	ve Date -	07/01/2014				Supplemental		
	Step	percent		Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	50		\$17.86	\$7.85	\$0.00	\$0.00	\$25.71	
	2	55		\$19.65	\$7.85	\$3.66	\$0.00	\$31.16	
	3	60		\$21.43	\$7.85	\$3.99	\$0.00	\$33.27	
	4	65		\$23.22	\$7.85	\$4.32	\$0.00	\$35.39	
	5	70		\$25.00	\$7.85	\$14.11	\$0.00	\$46.96	
	6	75		\$26.79	\$7.85	\$14.44	\$0.00	\$49.08	
	7	80		\$28.58	\$7.85	\$14.77	\$0.00	\$51.20	
	8	90		\$32.15	\$7.85	\$15.44	\$0.00	\$55.44	
	Notes:		750 hrs.						
TER (TRA				12/01/2013	3 \$33.35	\$7.30	\$12,70	\$0.00	\$53.35
RERS - ZONE				06/01/2014			\$12.70	\$0.00	\$54.10
		•		12/01/2014			\$12.70	\$0.00	\$54.85
				06/01/201:			\$12.70	\$0.00	\$55.60
				12/01/2013			\$12.70	\$0.00	\$56.35
				06/01/2010			\$12.70	\$0.00	\$57.10
				12/01/2010	\$38.10	\$7.30	\$12.70	\$0.00	\$58.10
or Apprentice TER / TAI				01/01/2014	4 \$35.41	\$7.85	\$16.10	\$0.00	\$59.36
0% or more	of sur	aces to be	painted are new construction				\$16.10	\$0.00	\$60.21
paint rate	shall be	used.PAIN	TERS LOCAL 35 - ZONE 2	01/01/201			\$16.10	\$0.00	\$61.11
				07/01/201:			\$16.10	\$0.00	\$62.01
				01/01/2010			\$16.10	\$0.00	\$62.96
				07/01/2016			\$16.10	\$0.00	\$63.91
				01/01/201			\$16.10	\$0.00	\$64.86

Ste		01/2014	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50		\$17.71	\$7.85	\$0.00	\$0.00	\$25.56	
2	55		\$19.48	\$7.85	\$3.66	\$0.00	\$30.99	
3	60		\$21.25	\$7.85	\$3.99	\$0.00	\$33.09	
4	65		\$23.02	\$7.85	\$4.32	\$0.00	\$35.19	
5	70		\$24.79	\$7.85	\$14.11	\$0.00	\$46.75	
6	75		\$26.56	\$7.85	\$14.44	\$0.00	\$48.85	
7	80		\$28.33	\$7.85	\$14.77	\$0.00	\$50.95	
8	90		\$31.87	\$7.85	\$15.44	\$0.00	\$55.16	
Ef Sto		01/2014	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50		\$18.13	\$7.85	\$0.00	\$0.00	\$25.98	
2	55		\$19.94	\$7.85	\$3.66	\$0.00	\$31.45	
3	60		\$21.76	\$7.85	\$3.99	\$0.00	\$33.60	
4	65		\$23.57	\$7.85	\$4.32	\$0.00	\$35.74	
5	70		\$25,38	\$7.85	\$14.11	\$0.00	\$47.34	
6	75		\$27.20	\$7.85	\$14.44	\$0.00	\$49.49	
7	80		\$29.01	\$7.85	\$14,77	\$0.00	\$51.63	
8	90		\$32.63	\$7.85	\$15.44	\$0.00	\$55.92	
								
i	Steps are 750 h	rs.						
Ap	prentice to Journey	worker Ratio:1:1						
INTER / TAPER VIERS LOCAL 35 - 1	R (BRUSH, REPAIN	T)	01/01/2014	\$33.47	\$7.85	\$16.10	\$0.00	\$57.42
VIERO LOCAL 33 -	ZOIVE 2		07/01/2014	\$34.32	\$7.85	\$16.10	\$0.00	\$58.27
2			01/01/2015	\$35.22	\$7.85	\$16.10	\$0.00	\$59.17
			07/01/2015	\$36,12	\$7.85	\$16.10	\$0.00	\$60.07
			01/01/2016	\$37.07	\$7.85	\$16.10	\$0.00	\$61.02
			07/01/2016	\$38.02	\$7.85	\$16.10	\$0.00	\$61.97
			01/01/2017	\$38.97	\$7.85	\$16.10	\$0.00	\$62.92

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	Step	percent	Anne	ntice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	Step	50	Appre						
	2			\$16.74	\$7.85	\$0.00	\$0.00	\$24.59	
		55		\$18.41	\$7.85	\$3.66	\$0.00	\$29.92	
	3	60		\$20.08	\$7.85	\$3.99	\$0.00	\$31.92	
	4	65		\$21.76	\$7.85	\$4.32	\$0.00	\$33.93	
	5	70		\$23.43	\$7.85	\$14.11	\$0.00	\$45.39	
	6	75		\$25.10	\$7.85	\$14.44	\$0.00	\$47.39	
	7	80		\$26.78	\$7.85	\$14.77	\$0.00	\$49.40	
	8	90		\$30.12	\$7.85	\$15.44	\$0.00	\$53.41	
	Effecti	ve Date - 07/0	1/2014						
	Step	percent		ntice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	50		\$17.16	\$7.85	\$0.00	\$0.00	\$25.01	
	2	55		\$18.88	\$7.85	\$3.66	\$0.00	\$30.39	
	3	60		\$20.59	\$7.85	\$3.99	\$0.00	\$32.43	
	4	65		\$22.31	\$7.85	\$4.32	\$0.00	\$34.48	
	5	70		\$24.02	\$7.85	\$14,11	\$0.00	\$45.98	
	6	75		\$25.74	\$7.85	\$14.44	\$0.00	\$48.03	
	7	80		\$27.46	\$7.85	\$14.77	\$0.00	\$50.08	
•	8	90		\$30.89	\$7.85	\$15.44	\$0.00	\$54.18	
	Notes:	Steps are 750 hr	s,					Virginia di Constanti di Consta	
	Appre	ntice to Journeys	vorker Ratio:1:1						
		UCKS DRIVER		12/01/2013	3 \$31.88	\$9.41	\$8.80	\$0.00	\$50.09
EAMSTERS JOIN	T COUNC.	IL NO. 10 ZONE A		06/01/2014	\$32.23	\$9.41	\$8.80	\$0.00	\$50.44
				08/01/2014	\$32.23	\$9.91	\$8.80	\$0.00	\$50.94
				12/01/201-	\$32.23	\$9.91	\$9.33	\$0.00	\$51.47
				06/01/2013	\$32.58	\$9.91	\$9.33	\$0.00	\$51.82
				08/01/201:	\$32.58	\$10.41	\$9:33	\$0.00	\$52.32
				12/01/2015	\$32.58	\$10.41	\$10.08	\$0.00	\$53.07
				06/01/2010	5 \$33.08	\$10.41	\$10.08	\$0.00	\$53.57
				08/01/2016	\$33.08	\$10.91	\$10.08	\$0.00	\$54.07
				12/01/2016	\$33.08	\$10.91	\$10.89	\$0.00	\$54.88
	CK CO	ISTRUCTOR (U	NDERPINNING AND	08/01/2013	3 \$40.10	\$9.80	\$18.17	\$0.00	\$68.07
ECK) ile driver lo	^A1. 56 (7)	NE II		08/01/2014	\$41.60	\$9.80	\$18.17	\$0.00	\$69.57
	50 120	/		08/01/201:	\$43.10	\$9.80	\$18.17	\$0.00	\$71.07
LE DRIVER				08/01/2013	3 \$40.10	\$9.80	\$18.17	\$0.00	\$68.07
ILE DRIVER LO	CAL 56 (ZC	NE 1)		08/01/201	\$41.60	\$9.80	\$18.17	\$0.00	\$69.57
				08/01/201:	5 \$43.10	\$9.80	\$18.17	\$0.00	\$71.07
			•						•

Effective Date Step perce	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rat
1 50	\$20.05	\$9.80	\$18.17	\$0.00	\$48.02
2 60	\$24.06	\$9.80	\$18.17	\$0.00	\$52.03
3 70	\$28.07	\$9.80	\$18.17	\$0.00	\$56.0
4 75	\$30.08	\$9.80	\$18.17	\$0.00	\$58.03
5 80	\$32.08	\$9.80	\$18.17	\$0.00	\$60.0
6 80	\$32.08	\$9.80	\$18.17	\$0.00	\$60.0
7 90	\$36.09	\$9.80	\$18.17	\$0.00	\$64.00
8 90	\$36.09	\$9.80	\$18.17	\$0.00	\$64.00
Effective Date	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1 50	\$20.80	\$9.80	\$18,17	\$0.00	\$48.7
2 60	\$24.96	\$9.80	\$18.17	\$0.00	\$52.93
3 70	\$29.12	\$9.80	\$18.17	\$0.00	\$57.0
4 75	\$31.20	\$9.80	\$18.17	\$0.00	\$59.1
5 80	\$33,28	\$9.80	\$18.17	\$0.00	\$61.2:
6 80	\$33.28	\$9.80	\$18.17	\$0.00	\$61.2
7 90	\$37.44	\$9.80	\$18.17	\$0.00	\$65.4
8 90	\$37.44	\$9.80	\$18.17	\$0.00	\$65.4
	 			. — — — —	
Notes:					1
Notes:					

Total Rate

Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate
1	40	\$19.74	\$8.75	\$6.50	\$0.00	\$34.99
2	45	\$22.20	\$8.75	\$14.39	\$0.00	\$45.34
3	60	\$29.60	\$8.75	\$14.39	\$0.00	\$52.74
4	70	\$34.54	\$8.75	\$14.39	\$0.00	\$57.68
5	80	\$39.47	\$8.75	\$14.39	\$0.00	\$62.61

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PIPEFITTERS LOCAL 537

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PIPELAYER	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
LABORERS - ZONE I	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54:35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58,35
For apprentice rates see "Apprentice- LABORER"						
PLUMBERS & GASFITTERS	03/01/2014	\$49.41	\$9.82	\$14.29	\$0.00	\$73.52
PLUMBERS & GASFITTERS LOCAL 12	09/01/2014	\$50.41	\$9.82	\$14.29	\$0.00	\$74.52
	03/01/2015	\$51.41	\$9.82	\$14.29	\$0.00	\$75.52
	09/01/2015	\$52.41	\$9.82	\$14.29	\$0.00	\$76.52
	03/01/2016	\$53.56	\$9.82	\$14.29	\$0.00	\$77.67
	09/01/2016	\$54.61	\$9.82	\$14.29	\$0.00	\$78.72
	03/01/2017	\$55.61	\$9.82	\$14.29	\$0.00	\$79.72

	Step	ve Date - 03/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
•	1	35 ·	\$17.29	\$9.82	\$5.33	\$0.00	\$32.44	
	2	40	\$19.76	\$9.82	\$6.02	\$0.00	\$35.60	
	3	55	\$27.18	\$9.82	\$8.08	\$0.00	\$45.08	
	4	65	\$32.12	\$9.82	\$9.47	\$0.00	\$51.41	
	5	75	\$37.06	\$9.82	\$10.85	\$0.00	\$57.73	
	Effectiv	ve Date - 09/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	:
•	1	35	\$17.64	\$9.82	\$5.33	\$0.00	\$32.79	
	2	40	\$20.16	\$9.82	\$6.02	\$0.00	\$36.00	
	3	55	\$27.73	\$9.82	\$8.08	\$0.00	\$45.63	
	4	65	\$32.77	\$9.82	\$9.47	\$0.00	\$52.06	
	5	75	\$37.81	\$9.82	\$10.85	\$0.00	\$58.48	
Ī	Notes:							
		** 1:2; 2:6; 3:10; 4:14; 5:19/St Step4 with lic\$54.58 Step5 wit					i	
	Apprei	tice to Journeyworker Ratio:	*					

For apprentice rates see "Apprentice-PIPEFITTER" or "PLUMBER/PIPEFITTER"

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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PNEUMATIC DRILL/TOOL OPERATOR	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
LABORERS - ZONE 1	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	06/01/2015 ~	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
For apprentice rates see "Apprentice- LABORER"						
POWDERMAN & BLASTER LABORERS - ZONE 1	12/01/2013	\$34,35	\$7.30	\$12.70	\$0.00	\$54.35
ADOIGIU- ZONE I	06/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
	12/01/2014	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	06/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	12/01/2015	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	06/01/2016	\$38.10	\$7.30	\$12.70	\$0.00	\$58.10
For apprentice rates see "Apprentice- LABORER"	12/01/2016	\$39.10	\$7.30	\$12.70	\$0.00	\$59.10
POWER SHOVEL/DERRICK/TRENCHING MACHINE OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice-OPERATING ENGINEERS"						
PUMP OPERATOR (CONCRETE) OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice-OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) OPERATING ENGINEERS LOCAL 4	12/01/2013	\$28.11	\$10.00	\$14.18	\$0.00	\$52.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER TEAMSTERS LOCAL 256	05/01/2011	\$28.03	\$7.75	\$5.91	\$0.00	\$41.69
RECLAIMERS OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
RESIDENTIAL WOOD FRAME (All Other Work) CARPENTERS -ZONE 2 (Residential Wood)	04/01/2011	\$24.24	\$8.67	\$15.51	\$0.00	\$48.42
RESIDENTIAL WOOD FRAME CARPENTER ** ** The Residential Wood Frame Carpenter classification applies	05/01/2011	\$24.24	\$6.34	\$6.23	\$0.00	\$36.81

only to the construction of new, wood frame residences that do

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not exceed four stories including the basement. CARPENTERS - ZONE

As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.

Classification

	Step	ive Date - 05/01/2011 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
	1	60	\$14.54	\$6.34	\$0.00	\$0.00	\$20.88	
	2	60	\$14.54	\$6.34	\$6.23	\$0.00	\$27.11	
	3	65	\$15.76	\$6.34	\$6.23	\$0.00	\$28.33	
	4	70	\$16.97	\$6.34	\$6.23	\$0.00	\$29.54	
	5	75	\$18.18	\$6.34	\$6.23	\$0.00	\$30.75	
	6	80 .	\$19.39	\$6.34	\$6.23	\$0.00	\$31.96	
	7	85	\$20.60	\$6.34	\$6.23	\$0.00	\$33.17	
	8	90	\$21.82	\$6.34	\$6.23	\$0.00	\$34.39	
	Notes:							
	ĺ						•	
	Appre	ntice to Journeyworker Ratio:1:5						
		D BUGGY OPERATOR	12/01/2013	3 \$33.6	0 \$7.30	\$12.70	\$0.00	\$53.60
ORERS - ZO	NE I		06/01/2014	4 \$34.3	5 \$7.30	\$12,70	\$0.00	\$54.35
			12/01/2014	4 \$35.1	0 \$7.30	\$12.70	\$0.00	\$55.10
			06/01/201:	5 \$35.8	5 \$7.30	\$12.70	\$0.00	\$55.85
			12/01/201:	\$36.6	0 \$7.30	\$12.70	\$0.00	\$56.60
			06/01/2010	5 \$37.3	5 \$7.30	\$12.70	\$0.00	\$57.35
			12/01/2016	5 \$38.3	5 \$7.30	\$12.70	\$0.00	\$58.35
		'Apprentice- LABORER"						
LLEK/SPI ERATING EN		MULCHING MACHINE OCAL 4	12/01/2013	3 \$40.1	1 \$10.00	\$14,18	\$0.00	\$64.29
For apprent	ice rates see '	'Apprentice- OPERATING ENGINEERS"						
		Vaterproofing &Roofer Damproofg)	02/01/2014	\$39.2	1 \$10.50	\$10.70	\$0.00	\$60.41
FERS LOCA	11, 33		08/01/2014	\$40.1	1 \$10.50	\$10.70	\$0.00	\$61.31
			02/01/2015	\$41.0	1 \$10.50	\$10.70	\$0.00	\$62.21
			08/01/2015	5 \$41.9	1 \$10.50	\$10.70	\$0.00	\$63.11
			02/01/2016	5 \$42.8	1 \$10.50	\$10.70	\$0.00	\$64.01

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		ve Date -	02/01/2014	Ammontina Dana W	TT141-	n	Supplemental	T-1-1 D	
	Step	percent		Apprentice Base Wage		Pension	Unemployment	Total Rate	
	1	50		\$19.61	\$10.50	\$3.38	\$0.00	\$33.49	
	2	60		\$23.53	\$10.50	\$10.70	\$0.00	\$44.73	
	3	65		\$25.49	\$10.50	\$10.70	\$0.00	\$46.69	
	4	75		\$29.41	\$10.50	\$10.70	\$0.00	\$50.61	
	5 -	85		\$33.33	\$10.50	\$10.70	\$0.00	\$54.53	
	Effectiv	ve Date -	08/01/2014	2			Supplemental		
	Step	percent		Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	
	1	50		\$20.06	\$10.50	\$3.38	\$0.00	\$33.94	
	. 2	60		\$24.07	\$10.50	\$10.70	\$0.00	\$45.27	
	3	65		\$26.07	\$10.50	\$10.70	\$0.00	\$47.27	
	4	75		\$30.08	\$10.50	\$10.70	\$0.00	\$51.28	
	5	85		\$34.09	\$10.50	\$10.70	\$0.00	\$55.29	
	<u> </u>		2000 hrs.; Steps 2-5 are 1	ooo iiis.				.	
		itice to Joi	urneyworker Ratio;**						
	ATE / TIL	itice to Joi		02/01/2014	\$39.46	\$10.50	\$10.70	\$0.00	\$60,66
	ATE / TIL	itice to Joi	urneyworker Ratio;**			\$10.50 \$10.50	\$10.70 \$10.70	\$0.00 \$0.00	\$60,66 \$61.56
	ATE / TIL	itice to Joi	urneyworker Ratio;**	02/01/2014	\$40.36				
	ATE / TIL	itice to Joi	urneyworker Ratio;**	02/01/2014 08/01/2014	\$40.36 \$41.26	\$10.50	\$10.70 \$10.70 \$10.70	\$0.00 \$0.00 \$0.00	\$61.56
FERS LOCA	ATE / TIL	atice to Jou	urneyworker Ratio;*** ast concrete	02/01/201- 08/01/201- 02/01/2013	\$40.36 \$41.26 \$42.16	\$10.50 \$10.50	\$10.70 \$10.70	\$0.00 \$0.00	\$61.56 \$62.46
For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2014 02/01/2015 08/01/2015	\$40.36 \$41.26 \$42.16 \$43.06	\$10.50 \$10.50 \$10.50	\$10.70 \$10.70 \$10.70	\$0.00 \$0.00 \$0.00	\$61.56 \$62.46 \$63.36
FERS LOCA For apprenti	ATE / TILI	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2014 02/01/2015 08/01/2016	\$40.36 \$41.26 \$42.16 \$43.06	\$10.50 \$10.50 \$10.50 \$10.50	\$10.70 \$10.70 \$10.70 \$10.70	\$0.00 \$0.00 \$0.00 \$0.00	\$61.56 \$62.46 \$63.36 \$64.26
FERS LOCA For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2014 02/01/2015 08/01/2015 02/01/2016	\$40.36 \$41.26 \$42.16 \$43.06 \$43.61	\$10.50 \$10.50 \$10.50 \$10.50	\$10.70 \$10.70 \$10.70 \$10.70	\$0.00 \$0.00 \$0.00 \$0.00 \$2.17	\$61.56 \$62.46 \$63.36 \$64.26
FERS LOCA For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2015 02/01/2015 08/01/2016 02/01/2014 08/01/2014	\$40.36 \$41.26 \$42.16 \$43.06 \$42.76 \$43.61 \$44.51	\$10.50 \$10.50 \$10.50 \$10.50 \$9.82	\$10.70 \$10.70 \$10.70 \$10.70 \$19.74	\$0.00 \$0.00 \$0.00 \$0.00 \$2.17	\$61.56 \$62.46 \$63.36 \$64.26 \$74.49 \$75.34
FERS LOCA For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2015 08/01/2015 08/01/2016 02/01/2016 02/01/2014 08/01/2014	\$40.36 \$41.26 \$42.16 \$43.06 \$43.61 \$44.51 \$45.51	\$10.50 \$10.50 \$10.50 \$10.50 \$9.82 \$9.82 \$9.82	\$10.70 \$10.70 \$10.70 \$10.70 \$19.74 \$19.74	\$0.00 \$0.00 \$0.00 \$0.00 \$2.17 \$2.17 \$2.17	\$61.56 \$62.46 \$63.36 \$64.26 \$74.49 \$75.34 \$76.24
FERS LOCA For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2014 02/01/2015 08/01/2015 02/01/2016 02/01/2014 08/01/2014 08/01/2015	\$40.36 \$41.26 \$42.16 \$43.06 \$42.76 \$43.61 \$44.51 \$45.51 \$46.51	\$10.50 \$10.50 \$10.50 \$10.50 \$9.82 \$9.82 \$9.82 \$9.82	\$10.70 \$10.70 \$10.70 \$10.70 \$19.74 \$19.74 \$19.74	\$0.00 \$0.00 \$0.00 \$0.00 \$2.17 \$2.17 \$2.17 \$2.17	\$61.56 \$62.46 \$63.36 \$64.26 \$74.49 \$75.34 \$76.24
FERS LOCA For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2014 02/01/2015 08/01/2015 02/01/2016 02/01/2014 02/01/2015 08/01/2015 08/01/2015	\$40.36 \$41.26 \$42.16 \$43.06 \$42.76 \$43.61 \$44.51 \$45.51 \$46.51 \$47.66	\$10.50 \$10.50 \$10.50 \$10.50 \$9.82 \$9.82 \$9.82 \$9.82 \$9.82	\$10.70 \$10.70 \$10.70 \$10.70 \$19.74 \$19.74 \$19.74 \$19.74	\$0.00 \$0.00 \$0.00 \$0.00 \$2.17 \$2.17 \$2.17 \$2.17 \$2.17	\$61.56 \$62.46 \$63.36 \$64.26 \$74.49 \$75.34 \$76.24 \$77.24
FERS LOCA For apprenti	ATE / TILI AL 33 ice rates see */	Apprentice- R	urneyworker Ratio;*** ast concrete	02/01/2014 08/01/2014 02/01/2015 08/01/2015 02/01/2014 02/01/2014 02/01/2015 08/01/2016 08/01/2016	\$40.36 \$41.26 \$42.16 \$43.06 \$43.06 \$44.51 \$44.51 \$45.51 \$46.51 \$47.66 \$48.76	\$10.50 \$10.50 \$10.50 \$10.50 \$9.82 \$9.82 \$9.82 \$9.82 \$9.82 \$9.82	\$10.70 \$10.70 \$10.70 \$10.70 \$19.74 \$19.74 \$19.74 \$19.74 \$19.74	\$0.00 \$0.00 \$0.00 \$0.00 \$2.17 \$2.17 \$2.17 \$2.17 \$2.17 \$2.17	\$61.56 \$62.46 \$63.36 \$64.26 \$74.49 \$75.34 \$76.24 \$77.24 \$78.24 \$79.39

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Classification Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Effective Date - 02/01/2014 Step percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1 40	\$17.10	\$9.82	\$4.28	\$0.00	\$31.20
2 40	\$17.10	\$9.82	\$4.28	\$0.00	\$31.20
3 45	\$19.24	\$9.82	\$8.70	\$1.13	\$38.89
4 45	\$19.24	\$9.82	\$8.70	\$1.13	\$38.89
5 50	\$21.38	\$9.82	\$9.49	\$1.22	\$41.91
6 50	\$21.38	\$9.82	\$9.74	\$1.23	\$42.17
7 60	\$25.66	\$9.82	\$11.05	\$1.40	\$47.93
8 65	\$27.79	\$9.82	\$11.84	\$1.48	\$50.93
9 75	\$32.07	\$9.82	\$13.41	\$1.66	\$56.96
10 85	\$36.35	\$9.82	\$14.48	\$1.82	\$62.47
Effective Date - 08/01/2014				Supplemental	
Step percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate
1 40	\$17.44	\$9.82	\$4.28	\$0.00	\$31.54
2 40	\$17.44	\$9.82	\$4.28	\$0.00	\$31.54
3 45	\$19.62	\$9.82	\$8.70	\$1.13	\$39.27
4 45	\$19.62	\$9.82	\$8.70	\$1.13	\$39.27
5 50	\$21.81	\$9.82	\$9.49	\$1.22	\$42.34
6 50	\$21.81	\$9.82	\$9.74	\$1.23	\$42.60
7 60	\$26.17	\$9.82	\$11.05	\$1.40	\$48.44
8 65	\$28.35	\$9.82	\$11.84	\$1.48	\$51,49
9 75	\$32.71	\$9.82	\$13.41	\$1.66	\$57.60
10 85	\$37.07	\$9.82	\$14.48	\$1.82	\$63.19
Notes: Steps are 6 mos.	· · · · · · · · · · · · · · · · · · ·	. — — –			
Apprentice to Journeyworker Ratio	:1:4				

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Classification

	Effecti Step	ive Date - 06/01/2013 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	;
	1	50	\$12.91	\$7.07	\$0.00	\$0.00	\$19.98	
	2	55	\$14.20	\$7.07	\$2.45	\$0.00	\$23.72	!
	3	60	\$15.49	\$7.07	\$2.45	\$0.00	\$25.01	
	4	65	\$16.78	\$7.07	\$2.45	\$0.00	\$26.30)
	5	70	\$18.07	\$7.07	\$7.05	\$0.00	\$32.19	•
	6	75	\$19.36	\$7.07	\$7.05	\$0.00	\$33.48	:
	7	80	\$20.65	\$7.07	\$7.05	\$0.00	\$34.77	,
•	8	85	\$21.94	\$7.07	\$7.05	\$0.00	\$36.06	,
	9	90	\$23.23	\$7.07	\$7.05	\$0.00	\$37.35	i
	Notes:							
	Ì	Steps are 4 mos.						
	Appre	ntice to Journeyworker Ratio:1:1						
		H MOVING EQUIP < 35 TONS	12/01/2013	\$32.34	\$9.41	\$8.80	\$0.00	\$50.55
EAMSI ERS JUI.	MI COONC	IL NO. 10 ZONE A	. 06/01/2014	\$32.69	\$9.41	\$8.80	\$0.00	\$50.90
			08/01/2014	\$32.69	\$9.91	\$8.80	\$0.00	\$51.40
			12/01/2014	\$32.69	\$9.91	\$9.33	\$0.00	\$51.93
			06/01/2015	\$33.04	\$9.91	\$9.33	\$0.00	\$52.28
			08/01/2015	\$33.04	\$10.41	\$9.33	\$0.00	\$52.78
			12/01/2015	\$33.04	\$10.41	\$10.08	\$0.00	\$53.53
			06/01/2016	\$33.54	\$10.41	\$10.08	\$0.00	\$54.03
			08/01/2016	\$33.54	\$10.91	\$10.08	\$0.00	\$54.53
			12/01/2016	\$33.54	\$10.91	\$10.89	\$0.00	\$55.34
		H MOVING EQUIP > 35 TONS IL NO. 10 ZONE A	12/01/2013	\$32.63	\$9.41	\$8.80	\$0.00	\$50.84
2211121212001	in coone	22.10. 10 80.11.71	06/01/2014	\$32.98	\$9.41	\$8.80	\$0.00	\$51.19
		. '	08/01/2014	\$32.98	\$9.91	\$8.80	\$0.00	\$51.69
			12/01/2014	\$32.98	\$9.91	\$9.33	\$0.00	\$52,22
			06/01/2015	\$33.33	\$9.91	\$9.33	\$0.00	\$52.57
			08/01/2015		\$10.41	\$9.33	\$0.00	\$53.07
			12/01/2015			\$10.08	\$0.00	\$53.82
			06/01/2016			\$10.08	\$0.00	\$54.32
			08/01/2016	\$33.83	\$10.91	\$10.08	\$0.00	\$54.82
			12/01/2016	\$33.83	\$10.91	\$10.89	\$0.00	\$55.63

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Classification				Effective Da	ite Base Wag	e Health		Supplemental Unemployment	Total Rate
SPRINKLER F		11 \$50 (Cartion 11 2 1		03/01/201	4 \$53.58	\$8,42	\$13.60	\$0.00	\$75.60
FRINKLEK FIITE	NS LOCA	L 550 - (Section A) Zone I		10/01/201	4 \$54.73	\$8.42	\$13.60	\$0.00	\$76.75
				01/01/201:	5 \$54.73	\$8.42	\$13.75	\$0.00	\$76.90
				03/01/201:	5 \$55.73	\$8.42	\$13.75	\$0.00	\$77.90
				10/01/201:	5 \$56.88	\$8.42	\$13.75	\$0.00	\$79.05
				01/01/2010	6 \$56.88	\$8.67	\$13.90	\$0.00	\$79.45
				03/01/2010	6 \$57.88	\$8.67	\$13.90	\$0.00	\$80.45
-				10/01/2010	6 \$59.03	\$8.67	\$13.90	\$0.00	\$81.60
				03/01/201	7 \$60.03	\$8.67	\$13.90	\$0.00	\$82.60
			•						
		ntice - SPRINKLER FIT	TER - Local 550 (Section A) Zone 1					
		ive Date - 03/01/2014		4: D W	TTlab	Danasa	Supplementa Unemploymen		
	Step 1	percent	Арр	rentice Base Wage		Pension			
	2	35		\$18.75	\$8.42	\$8.25	\$0.00		
	_	40		\$21.43	\$8.42	\$8.25	\$0.00		
	3	45		\$24.11	\$8.42	\$8.25	\$0.00		
	4	50		\$26.79	\$8.42	\$8.25	\$0.00	• •	
	5	55		\$29.47	\$8.42	\$8.25	\$0.00		
	6	60		\$32.15	\$8.42	\$8.25	\$0.00	\$48.82	
	7	65		\$34.83	\$8.42	\$8.25	\$0.00	\$51.50	
	8	70		\$37.51	\$8.42	\$8.25	\$0.00	\$54.18	
	9	75		\$40.19	\$8.42	\$8.25	\$0.00	\$56.86	
	10	80		\$42.86	\$8.42	\$8.25	\$0.00	\$59.53	
	Effect	ive Date - 10/01/2014						_	
	Step	percent	Арр	rentice Base Wage	Health	Pension	Supplementa Unemploymen		
	1	35		\$19.16	\$8.42	\$8.25	\$0.00	\$35.83	
	2	40		\$21.89	\$8.42	\$8.25	\$0.00		
	3	45		\$24.63	\$8.42	\$8.25	\$0.00		
	4	50		\$27.37	\$8.42	\$8.25	\$0.00		
	5	55		\$30.10	\$8.42	\$8.25	\$0.00		
	6	60		\$32.84	\$8.42	\$8.25	\$0.00		
	7	65		\$35.57	\$8.42	\$8.25	\$0.00		
	8	70		\$38.31	\$8.42	\$8.25	\$0.00		
	9	75		\$41.05	\$8.42	\$8.25	\$0.00		
	10	80		\$43.78	\$8.42	\$8.25	\$0.00		
		00		\$43.76	φ0.42	30.23	\$0.00	, 400.43	
	Notes	Apprentice entered prior 40/45/50/55/60/65/70/75 Steps are 850 hours							
	Appre	entice to Journeyworker	Ratio:1:3						
TEAM BOILE	ER OPE	RATOR		12/01/2013	3 \$40.11	\$10.00	\$14.18	\$0.00	\$64.29
		"Apprentice- OPERATING ENG	INEERS"						
FAMPERS, SE		DPELLED OR TRACTOR	DRAWN	12/01/2013	3 \$40.11	\$10.00	\$14.18	\$0.00	\$64.29

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lassification			Effective Da	te Base Wago	: Health		Supplementał Unemployment	Total Rate
		Apprentice- OPERATING ENGINEERS"				***		
LECOMMU ECTRICIANS LO		ON TECHNICIAN	03/01/2014		\$13.00	\$13.03	\$0.00	\$59.47
			09/01/2014		\$13.00	\$13.05	\$0.00	\$59.89
			03/01/201:		\$13.00	\$13.06	\$0.00	\$60.44
			09/01/201:		\$13.00	\$13.08	\$0.00	\$61.18
			03/01/2016	\$35.81	\$13.00	\$13.10	\$0.00	\$61.91
	Apprei	atice - TELECOMMUNICATION T	ECHNICIAN - Local 103					
	Effecti	ve Date - 03/01/2014				Supplementa	1	
	Step	percent	Apprentice Base Wage	Health	Pension	Unemploymen	Total Rate	
	1	40	\$13.38	\$13.00	\$0.40	\$0.00	\$26.78	
	2	40	\$13.38	\$13.00	\$0.40	\$0.00	\$26.78	
	3	45	\$15.05	\$13.00	\$10.29	\$0.00	\$38.34	
	4	45	\$15.05	\$13.00	\$10.29	\$0.00	\$38.34	
	5	50	\$16.72	\$13.00	\$10.54	\$0.00	\$40.26	
	6	55	\$18.39	\$13.00	\$10.79	\$0.00	\$42.18	
	7	60	\$20,06	\$13.00	\$11.04	\$0.00	\$44.10	
	8	65	\$21.74	\$13.00	\$11.29	\$0.00	\$46.03	
	9	70	\$23.41	\$13.00	\$11.54	\$0.00		•
	10	75	\$25.08	\$13.00	\$11.79	\$0.00		
	Effecti Step	ve Date - 09/01/2014 percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment		
	1	40	\$13.54	\$13.00	\$0.41	\$0.00		
	2	40	\$13.54	\$13.00	\$0.41	\$0.00		
	3	45	\$15.23	\$13.00	\$10.30	\$0.00		
	4	45	\$15.23	\$13.00	\$10.30	\$0.00		
	5	50	\$16.92	\$13.00	\$10.55	\$0.00		
	6	55	\$18.61	\$13.00	\$10.80	\$0.00		
	7	60				\$0.00		
	•		ፍንስ 3ስ					
	8	65	\$20.30 \$22.00	\$13.00	\$11.05 \$11.30			
	8	65 70	\$22.00	\$13.00	\$11.30	\$0.00	\$46.30	
	8 9 10	65 70 75					\$46.30 \$48.24	
	9 10	70	\$22.00 \$23.69	\$13.00 \$13.00	\$11.30 \$11.55	\$0.00 \$0.00	\$46.30 \$48.24	
	9	70	\$22.00 \$23.69	\$13.00 \$13.00	\$11.30 \$11.55	\$0.00 \$0.00	\$46.30 \$48.24	
	9 10 Notes:	70 75	\$22.00 \$23.69	\$13.00 \$13.00	\$11.30 \$11.55	\$0.00 \$0.00	\$46.30 \$48.24	
	9 10 Notes:	70	\$22.00 \$23.69	\$13.00 \$13.00	\$11.30 \$11.55	\$0.00 \$0.00	\$46.30 \$48.24	
	9 10 Notes: Appre	70 75 utice to Journeyworker Ratio:1:1	\$22.00 \$23.69	\$13.00 \$13.00 \$13.00	\$11.30 \$11.55	\$0.00 \$0.00	\$46.30 \$48.24	\$75.33
	9 10 Notes: Appre	70 75 utice to Journeyworker Ratio:1:1	\$22.00 \$23.69 \$25.38	\$13.00 \$13.00 \$13.00 	\$11.30 \$11.55 \$11.80	\$0.00 \$0.00 \$0.00	\$46.30 \$48.24 \$50.18	\$75.33 \$76.30
	9 10 Notes: Appre	70 75 utice to Journeyworker Ratio:1:1	\$22.00 \$23.69 \$25.38 	\$13.00 \$13.00 \$13.00 	\$11.30 \$11.55 \$11.80	\$0.00	\$46.30	
	9 10 Notes: Appre	70 75 utice to Journeyworker Ratio:1:1	\$22.00 \$23.69 \$25.38 	\$13.00 \$13.00 \$13.00 \$13.00 \$47.00 \$47.90 \$48.46	\$11.30 \$11.55 \$11.80 	\$0.00 \$0.00 \$0.00 \$18.15 \$18.22	\$46.30 \$48.24 \$50.18 	\$76.30
	9 10 Notes: Appre	70 75 utice to Journeyworker Ratio:1:1	\$22.00 \$23.69 \$25.38 	\$13.00 \$13.00 \$13.00 \$13.00 \$47.00 \$47.90 \$48.46 \$49.36	\$11.30 \$11.55 \$11.80 	\$0.00 \$0.00 \$0.00 \$18.15 \$18.22 \$18.22	\$46.30 \$48.24 \$50.18 \$0.00 \$0.00 \$0.00	\$76.30 \$76.86
RRAZZO FI	9 10 Notes: Appre	70 75 utice to Journeyworker Ratio:1:1	\$22.00 \$23.69 \$25.38 	\$13.00 \$13.00 \$13.00 \$13.00 \$47.00 \$47.90 \$48.46 \$49.36 \$49.93	\$11.30 \$11.55 \$11.80 \$10.18 \$10.18 \$10.18 \$10.18	\$18.15 \$18.22 \$18.22 \$18.29	\$46.30 \$48.24 \$50.18 \$0.00 \$0.00 \$0.00 \$0.00	\$76.30 \$76.86 \$77.83

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		itice - TERRAZZO F we Date - 02/01/201					Supplemental		
	Step	percent	Apprentice B	ase Wage	Health	Pension	Unemployment	Total Rate	
	1	50	\$2	3.50	\$10.18	\$18.15	.\$0.00	\$51.83	
	2	60		8.20	\$10.18	\$18.15	\$0.00	\$56.53	
	3	70		2.90	\$10.18	\$18.15	\$0.00	\$61.23	
	4	80	· \$3	7.60	\$10.18	\$18.15	\$0.00	\$65.93	
	5	90	\$4	2.30	\$10.18	\$18.15	\$0.00	\$70.63	
	Effectiv	ve Date - 08/01/201	4				Supplemental		
	Step	percent :	Apprentice B	ase Wage	Health	Pension	Unemployment	Total Rate	
	1	50	\$2	3.95	\$10.18	\$18.22	\$0.00	\$52.35	
	2	60	\$2	8.74	\$10.18	\$18.22	\$0.00	\$57.14	
	3	70	\$3	3.53	\$10.18	\$18.22	\$0.00	\$61.93	
	4	80	\$3	8.32	\$10.18	\$18.22	\$0.00	\$66.72	
	5	90	\$4	3.11	\$10.18	\$18.22	\$0.00	\$71.51	
	Notes:	,	<u> </u>						
	Apprei	ntice to Journeywork	er Ratio:1:3						
ST BORING BORERS - FOU				12/01/2013	\$34.70	\$7.30	\$12.90	\$0.00	\$54.90
OKEKS - FOO	NDATION	AND MARINE		06/01/2014	\$35.45	\$7.30	\$12.90	\$0.00	\$55.65
				12/01/2014	\$36.20	\$7.30	\$12.90	\$0.00	\$56.40
				06/01/2015	\$36.95	\$7.30	\$12.90	\$0.00	\$57.15
				12/01/2015	\$37.70	\$7.30	\$12.90	\$0.00	\$57.90
				06/01/2016	., \$38.45	\$7.30	\$12.90	\$0.00	\$58.65
n				12/01/2016	\$39.45	\$7.30	\$12.90	\$0.00	\$59.65
		Apprentice- LABORER" ER HELPER				*	212.22		
ST BOKING				12/01/2013			\$12.90	\$0.00	\$53.62
				06/01/2014			\$12.90	\$0.00	\$54.37
				12/01/2014			\$12.90	\$0.00	\$55.12
				06/01/2015			\$12.90	\$0.00	\$55.87
				12/01/2015			\$12.90 \$12.90	\$0.00 \$0.00	\$56.62
				06/01/2016 12/01/2016			\$12.90	\$0.00	\$57.37 \$58.37
For apprentice	e rates see ".	Apprentice- LABORER"		12/01/2010	\$30.17	97.30	914.7V	ψυ.υυ	920.37
ST BORING				12/01/2013	\$33.30	\$7.30	\$12.90	\$0.00	\$53.50
BORERS - FOU	NDATION A	AND MARINE		06/01/2014	\$34.05	\$7.30	\$12.90	\$0.00	\$54.25
				12/01/2014	\$34.80	\$7.30	\$12.90	\$0.00	\$55.00
				06/01/2015	\$35,55	\$7.30	\$12.90	\$0.00	\$55.75
				12/01/2015	\$36.30	\$7.30	\$12.90	\$0.00	\$56.50
				06/01/2016	\$37.05	\$7.30	\$12.90	\$0.00	\$57.25
For apprentice	e rates «•e *	Apprentice- LABORER"		12/01/2016	\$38.05	\$7.30	\$12.90	\$0.00	\$58.25
- or opprended		-FF-ware Minoral							
	03/05/201		Wage Request Number:			• • • • • • • • • •			

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rat
RACTORS/PORTABLE STEAM GENERATORS PERATING ENGINEERS LOCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"					_	
RAILERS FOR EARTH MOVING EQUIPMENT	12/01/2013	\$32.92	\$9.41	\$8.80	\$0.00	\$51.13
EAMSTERS JOINT COUNCIL NO. 10 ZONE A	06/01/2014	\$33.27	\$9.41	\$8.80	\$0.00	\$51.48
	08/01/2014	\$33.27	\$9.91	\$8.80	\$0.00	\$51.98
	12/01/2014	\$33.27	\$9.91	\$9.33	\$0.00	\$52.51
	06/01/2015	\$33.62	\$9.91	\$9.33	\$0.00	\$52.86
	08/01/2015	\$33.62	\$10.41	\$9.33	\$0.00	\$53,36
	12/01/2015	\$33.62	\$10.41	\$10.08	\$0.00	\$54.11
	06/01/2016	\$34.12	\$10.41	\$10.08	\$0.00	\$54.61
	08/01/2016	\$34.12	\$10.91	\$10.08	\$0.00	\$55.11
	12/01/2016	\$34.12	\$10.91	\$10.89	\$0.00	\$55.92
UNNEL WORK - COMPRESSED AIR	12/01/2013	\$45.58	\$7.30	\$13.30	\$0.00	\$66.18
ABORERS (COMPRESSED AIR)	06/01/2014	\$46.33	\$7.30	\$13.30	\$0.00	\$66.93
	12/01/2014	\$47.08	\$7.30	\$13.30	\$0.00	\$67.68
	06/01/2015	\$47.83	\$7.30	\$13.30	\$0.00	\$68.43
	12/01/2015	\$48.58	\$7.30	\$13.30	\$0.00	\$69.18
	06/01/2016	\$49.33	\$7.30	\$13.30	\$0.00	\$69.93
	12/01/2016	\$50.33	\$7.30	\$13.30	\$0.00	\$70.93
For apprentice rates see "Apprentice- LABORER"						
UNNEL WORK - COMPRESSED AIR (HAZ. WASTE) 4BORERS (COMPRESSED AIR)	12/01/2013	\$47.58	\$7.30	\$13.30	\$0.00	\$68.18
EDITE (COM RESED ANY	06/01/2014	\$48.33	\$7.30	\$13.30	\$0.00	\$68.93
	12/01/2014	\$49.08	\$7.30	\$13.30	\$0.00	\$69.68
	06/01/2015	\$49.83	\$7.30	\$13.30	\$0.00	\$70.43
•	12/01/2015	\$50.58	\$7.30	\$13.30	\$0.00	\$71.18
	06/01/2016	\$51.33	\$7.30	\$13.30	\$0.00	\$71.93
	12/01/2016	\$52.33	\$7.30	\$13.30	\$0.00	\$72.93
For apprentice rates see "Apprentice- LABORER"	-					
UNNEL WORK - FREE AIR 4BORERS (FREE AIR TUNNEL)	12/01/2013	\$37.65	\$7.30	\$13.30	\$0.00	\$58.25
	06/01/2014	\$38.40	\$7.30	\$13.30	\$0.00	\$59.00
	12/01/2014	\$39.15	\$7.30	\$13.30	\$0.00	\$59.75
	06/01/2015	\$39.90	\$7.30	\$13.30	\$0.00	\$60.50
	12/01/2015	\$40.65	\$7.30	\$13.30	\$0.00	\$61.25
	06/01/2016	\$41.40	\$7.30	\$13.30	\$0.00	\$62.00
For apprentice rates see "Apprentice- LABORER"	12/01/2016	\$42.40	\$7.30	\$13.30	\$0.00	\$63.00
UNNEL WORK - FREE AIR (HAZ. WASTE)	12/01/2012	\$20.75	67.20	\$13.30	\$0.00	\$60.2F
ABORERS (FREE AIR TUNNEL)	12/01/2013	\$39.65	\$7.30	\$13.30	\$0.00	\$60.25
	06/01/2014	\$40.40	\$7.30	\$13.30	\$0.00	\$61.00
	12/01/2014	\$41.15	\$7.30			\$61.75
	06/01/2015	\$41.90	\$7.30	\$13.30	\$0.00	\$62.50
	12/01/2015	\$42.65	\$7.30	\$13.30	\$0.00	\$63.25
	061011001	0.40 40	67.00	612 20	ድስ ስላ	01.00
	06/01/2016 12/01/2016	\$43.40 \$44.40	\$7.30 \$7.30	\$13.30 \$13.30	\$0.00 \$0.00	\$64.00 \$65.00

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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rat
AC-HAUL EAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2013	\$32.34	\$9.41	\$8.80	\$0.00	\$50.55
EAMSTERS JOINT COUNCIL NO. 10 ZONE A	06/01/2014	\$32.69	\$9.41	\$8.80	\$0.00	\$50.90
•	08/01/2014	\$32.69	\$9.91	\$8.80	\$0.00	\$51.40
	12/01/2014	\$32.69	\$9.91	\$9.33	\$0.00	\$51.93
	06/01/2015	\$33.04	\$9.91	\$9,33	\$0.00	\$52.28
	08/01/2015	\$33.04	\$10.41	\$9.33	\$0.00	\$52.78
	12/01/2015	\$33.04	\$10.41	\$10.08	\$0.00	\$53.53
	06/01/2016	\$33.54	\$10.41	\$10.08	\$0.00	\$54.03
	08/01/2016	\$33.54	\$10.91	\$10.08	\$0.00	\$54.53
	12/01/2016	\$33.54	\$10.91	\$10.89	\$0.00	\$55.34
WAGON DRILL OPERATOR LABORERS - ZONE 1	12/01/2013	\$33.60	\$7.30	\$12.70	\$0.00	\$53.60
ADORERS - ZONE I	06/01/2014	\$34.35	\$7.30	\$12.70	\$0.00	\$54.35
	12/01/2014	\$35.10	\$7.30	\$12.70	\$0.00	\$55.10
•	06/01/2015	\$35.85	\$7.30	\$12.70	\$0.00	\$55.85
	12/01/2015	\$36.60	\$7.30	\$12.70	\$0.00	\$56.60
	06/01/2016	\$37.35	\$7.30	\$12.70	\$0.00	\$57.35
	12/01/2016	\$38.35	\$7.30	\$12.70	\$0.00	\$58.35
For apprentice rates see "Apprentice- LABORER"						
VASTE WATER PUMP OPERATOR PERATING ENGINEERS LOCAL 1	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
VATER METER INSTALLER LUMBERS & GASFITTERS LOCAL 12	03/01/2014	\$49.41	\$9.82	\$14.29	\$0.00	\$73.52
BONDENO CONTINUEDO DO CARE TE	09/01/2014	\$50.41	\$9.82	\$14.29	\$0.00	\$74.52
	03/01/2015	\$51.41	\$9.82	\$14.29	\$0.00	\$75.52
	09/01/2015	\$52.41	\$9.82	\$14.29	\$0.00	\$76.52
	03/01/2016	\$53.56	\$9.82	\$14.29	\$0.00	\$77.67
	09/01/2016	\$54.61	\$9.82	\$14.29	\$0.00	\$78.72
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/C	03/01/2017	\$55.61	\$9.82	\$14.29	\$0.00	\$79.72
Outside Electrical - East						
CABLE TECHNICIAN (Power Zone) DUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2013	\$25.66	\$8.70	\$4.48	\$0.00	\$38.84
For apprentice rates see "Apprentice- LINEMAN"						
CABLEMAN (Underground Ducts & Cables) DUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2013	\$36.55	\$8.70	\$6.58	\$0.00	\$51.83
For apprentice rates see "Apprentice- LINEMAN"						
DRIVER / GROUNDMAN CDL putside electrical workers - east local 104	09/01/2013	\$29.94	\$8.70	\$6.05	\$0.00	\$44.69
For apprentice rates see "Apprentice-LINEMAN"						
DRIVER / GROUNDMAN -Inexperienced (<2000 Hrs) DUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2013	\$23.52	\$8.70	\$5.24	\$0.00	\$37.46
For apprentice rates see "Apprentice- LINEMAN"						
QUIPMENT OPERATOR (Class A CDL) putside electrical workers - east local 104	09/01/2013	\$36.35	\$8.70	\$9.43	\$0.00	\$54.48
For apprentice rates see "Apprentice- LINEMAN"						
EQUIPMENT OPERATOR (Class B CDL) Dutside electrical workers - east local 104	09/01/2013	\$32.08	\$8.70	\$6.59	\$0.00	\$47.37

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
GROUNDMAN OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2013	\$23.52	\$8.70	\$3.72	\$0.00	\$35.94	
For apprentice rates see "Apprentice- LINEMAN"			•				
GROUNDMAN -Inexperienced (<2000 Hrs.) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2013	\$19.25	\$8.70	\$2.85	\$0.00	\$30.80	
For apprentice rates see "Apprentice- LINEMAN"							
JOURNEYMAN LINEMAN	09/01/2013	\$42.77	\$8.70	\$11.78	\$0.00	\$63.25	

Apprentice - LINEMAN (Outside Electrical) - East Local 104

	Effective Date - 09/01/2013 Supplemental								
Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate	:		
1	60	\$25.66	\$8.70	\$4.24	\$0.00	\$38.60)		
2	65	\$27.80	\$8.70	\$4.71	\$0.00	\$41.21			
3	70	\$29.94	\$8.70	\$5.43	\$0.00	\$44.07	r		
4 .	75	\$32.08	\$8.70	\$6.16	\$0.00	\$46.94			
5	80 .	\$34.22	\$8.70	\$6.88	\$0.00	\$49.80)		
6	85	\$36.35	\$8.70	\$7.62	\$0.00	\$52.67	,		
7	90	\$38.49	\$8.70	\$8.83	\$0.00	\$56.02			
Notes		<u> </u>							
İ		. ,				I 			
Appr	entice to Journeyworker Ratio:1:2								
ELEDATA CABLE : UTSIDE ELECTRICAL WO	SPLICER ORKERS - EAST LOCAL 104	07/16/2013	2 \$26.33	\$4.18	\$2.79	\$0.00	\$33.30		
	AN/EQUIPMENT OPERATOR ORKERS - EAST LOCAL 104	07/16/201	2 \$24.78	\$4.18	\$2.74	\$0.00	\$31.70		
	AN/INSTALLER/TECHNICIAN ORKERS - EAST LOCAL 104	07/16/2013	2 \$24.78	\$4.18	\$2.74	\$0.00	\$31.70		
REE TRIMMER UTSIDE ELECTRICAL WO	01/29/2013	2 \$17.18	\$3.37	\$0.00	\$0.00	\$20.55			
This classification appli and around utility lines.	ies only to the trimming of branches on								
REE TRIMMER GR	01/29/2013	2 \$15.15	\$3.37	\$0.00	\$0.00	\$18.52			
This classification appli and around utility lines.	ies only to the trimming of branches on								

Additional Apprentice Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentice ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. e. 23, ss. 11E-11L.

All steps are six months (1000 hours) unless otherwise specified.

- Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof.
 Multiple ratios are listed in the comment field.
 APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.
 APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.

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The Massachusetts Prevailing Wage Law M.G.L. ch. 149, §§ 26 – 27

NOTICE TO AWARDING AUTHORITIES

- > The enclosed wage schedule applies only to the specific project listed at the top and will be updated for any public construction project lasting longer than one (1) year.
- You should request an updated wage schedule from the Division of Occupational Safety if you have not opened bids or selected a contractor within 90 days of the date of issuance of the enclosed wage schedule.
- > The wage schedule shall be incorporated in any advertisement or call for bids for the project for which it has been issued.
- Once a contractor has been selected by the awarding authority, the wage schedule shall be made a part of the contract for that project.

NOTICE TO CONTRACTORS

- > The enclosed wage schedule, and any updated schedule, must be posted in a conspicuous place at the work site during the life of the project.
- > The wages listed on the enclosed wage schedule must be paid to employees on public works projects regardless of whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- The enclosed wage schedule applies to all phases of the project including the final clean-up. Contractors whose only role is to perform final clean-up must pay their employees according to this wage schedule.
- All apprentices must be registered with the Massachusetts Division of Apprentice Training in order to be paid at the reduced apprentice rates. If a worker is not registered with the Division of Apprentice Training, they must be paid the "total rate" listed on the wage schedule regardless of experience or skill level. For further information, please call (617) 727-3486 or write to the Division of Apprentice Training, 399 Washington Street, 4th Floor, Boston, MA 02108

WEEKLY PAYROLL RECORDS REPORT & STATEMENT OF COMPLIANCE

In accordance with Massachusetts General Law c149, §27B, a true and accurate record must be kept of all persons employed on the public works project for which the enclosed rates have been provided. A Payroll Form has been printed on the reverse of this page and includes all the information required to be kept by law. Every contractor or subcontractor is required to keep these records and preserve them for a period of three years from the date of completion of the contract.

In addition, every contractor and subcontractor is required to submit a copy of their weekly payroll records to the awarding authority. This is required to be done on a weekly basis. Once collected, the awarding authority is also required to preserve those records for three years.

In addition, each such contractor, subcontractor or public body shall furnish to the Department of Labor & Workforce Development/Division of Occupational Safety within fifteen days after completion of its portion of the work a statement, executed by the contractor, subcontractor or public body who supervises the payment of wages, in the following form:

STATEMENT OF COMPLIANCE

		, 2014						
I.								
(Name of signatory party) (Title)								
do hereby state:								
That I pay or supervise the payment of the persons employ	yed by							
on the								
(Contractor, subcontractor or public body) and that all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said project have been paid in accordance with wages determined under the provisions of sections twenty-six and twenty-seven of chapter one hundred and forty nine of the General Laws.								
	Signature							
	Title							

DIVISION OF OCCUPATIONAL SAFETY, 399 WASHINGTON STREET, 5TH FL., BOSTON, MA. 02108

WEEKLY PAYROLL REPORT FORM

Company Name: Awarding Auth.: Project Name: Prime Contractor

Work Week Ending:

Subcontractor
List Prime Contractor:

Print Name & Title:

Employer Signature:

						Employee Name & Address	
		u u				Work Classification	
				S			
				Z			
	1.01			Н		Hou	
				W		Hours Worked	
				H		ked	
				T			
				S			
						Tot. Hrs.	(A)
						Hourly Base Wage	(B)
					(C) Health & Welfare		Employ
					(D) Pension		Employer Contributions
					(E) Supp. Unemp		tions
						Hourly Total Wage (prev. wage)	(F) [B+C+D+E]
						Weekly Total Amount	(G) [A*F]

NOTE: Every contractor and subcontractor is required to submit a copy of their weekly payroll records to the awarding authority.

END OF SECTION